

REPORT  
ON THE  
State of Public Health in Burma  
*During 1947.*



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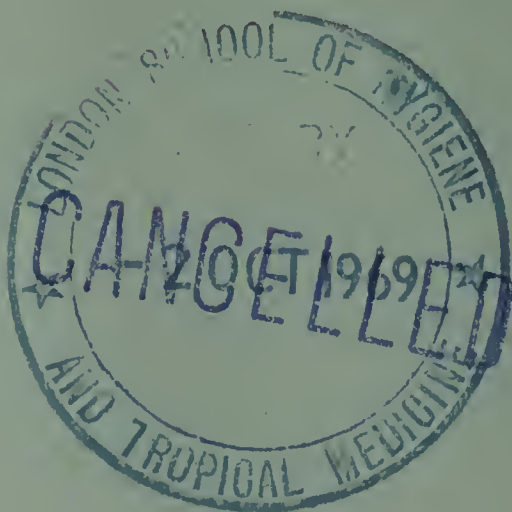
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# RESOLUTION

ON THE

## Annual Report on the State of Public Health in Burma

For the Year 1947.

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[Extract from the Proceedings of the Government of the Union of Burma, Ministry of Health,—No. 27SD(X)49, dated the 30th September 1949.]

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READ—

The Annual Report on the State of Public Health in Burma for the year 1947.

RESOLVED THAT—

The Report be published.

By order,

BA NYUN,

*Deputy Secy. to the Govt. of the Union of Burma,  
Ministry of Health.*

# NOTES

Notes on the life of John  
H. H. H. H.

1840-1841

Notes on the life of John H. H. H. H.

1840-1841

1840-1841

1840-1841

1840-1841

1840-1841

Notes on the life of John H. H. H. H.

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# REPORT

## ON THE

### State of Public Health in Burma

#### During the year 1947.

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#### CHAPTER I.

#### Introduction.

[On account of the fact that the collection of Vital Statistics in rural areas could not yet be reintroduced for want of requisite forms and registers, figures in respect of towns in Burma only have been dealt with in this report. Calculations have also been based on the population figures of the 1931 census.]

**Rainfall.**—A short account of the rainfall in Burma during the wet period May to October 1947, received from the Director, Meteorological Department is furnished below :—

The total rainfall of the month of May was in moderate defect in the divisions. Some of the noteworthy falls of heavy rain recorded during the month were :—3'0'' at Tavoy on the 12th, 3'3'' at Yandoon on the 19th, 3'5'' at Kyauktan and 3'4'' at Minbu on the 23rd, 2'6'' at Sherbangon on the 29th, 4'4'' at Wetlet and 2'3'' at Shanmange on the 30th and 3'1'' at Thayetchaung on the 31st.

In the month of June, rainfall was in moderate excess in the Tenasserim and generally normal in the Delta and Dry Zone.

In the month of July, rainfall was normal at Tenasserim, nearly normal in the Dry Zone and in slight excess in the Delta.

In the month of August, rainfall was in moderate excess in the Dry Zone and in slight defect in the Delta.

In the month of September, rainfall was normal in the Delta, in slight defect in the Tenasserim and in slight excess in the Dry Zone.

In the month of October, rainfall was in slight excess in the Delta, in moderate excess in the Dry Zone and in moderate defect in the Tenasserim.

**Economic Conditions.**—The Commissioner of Settlements and Land Records stated that he was not in a position to compile an authoritative account of the economic conditions in Burma during the year 1947 as applicable to the whole of the population in Burma.



But from the reports received from the District Health Officers it is known that the relations between landlords and tenants throughout the country were generally unsatisfactory and the prices of most essential commodities including the staple food rice, had risen to three to four times the normal pre-war prices.

## CHAPTER II.

### Commentary on Vital Statistics.

**Population.**—The population of Burma according to 1931 census is 14,657,006. A perusal of the main vital statistics statements will, however, show that they relate to a population of 1,387,428 only. The reason for this vast difference is that the statistics in the main statements refer to only 70 urban areas of Burma. The statistics of all districts (13,244,245) including those of the nine districts where they are normally considered to be inaccurate have to be left out as the collection of Vital Statistics has not been taken up in these areas for want of necessary forms and registers. The population of Minbya has also been omitted as it has not yet been revived as a Municipal area and also those of the Cantonments of Rangoon, Mingaladon, Mandalay and Maymyo as these have not been established during the year.

**Registration and Transmission.**—The ward headmen or vaccinators in the case of small Municipalities act as registrars of births and deaths. They transmit the birth and death foils to the Health Officer once a week ; weekly and monthly returns are submitted by the Health Officer on the prescribed forms to the office of the Director of Medical and Health Services, Burma, where the final consolidation of all figures takes place.

#### BIRTH AND DEATH RATES.

**Birth Rate (Urban).**—The rate is 33·49. It shows a decrease of 3·15 compared with the rate for the year 1940. Thirty-two towns have recorded rates higher than this year's urban mean and 27 above their respective rates for the year 1940. The highest rates during the year have been recorded in Kawkareik 50·95, Taungdwingyi 49·53, Kamayut 48·92, Thatôn 48·90, Maymyo 48·53, Syriam 48·24 and Moulmeingyun 43·24.

Except Taungdwingyi the reasons for the high rates recorded in the other towns may be attributed to good registration and the general increase of population in the urban areas owing to the various disturbances occurring in the rural areas. The number of births registered in those places show a marked increase compared with the births registered in the year 1940. The towns recording the lowest rates are Akyab 8·77, Chauk 9·51, Nyaung-U 11·95, Myitnge 15·84,

Kyauksè 17·95 and Prome 15·94. The low birth rate in Akyab is to a great extent to be attributed to the fact that the town had as yet not been properly re-established after the war as it was only towards the 1st quarter of the year 1946, that the Civil population was allowed to re-enter the town which had been razed to the ground during the war. The factor of predominance of males over females it is believed, is to a some extent responsible for the low rates in Chauk and Myitnge. The low rates in Nyaung-U, Kyauksè and Prome indicate that improvement in registration is needed.

**Death Rate (Urban).—**The urban rate 32·84 shows a drop of 6·66 compared with the rate of 1940.

The mortality from the principal diseases were as follows:—

Pneumonia 4,002, Pulmonary tuberculosis 1,999 and Other Fevers 2,741. Thirty-one out of 70 towns included in the main statements recorded rates above the current year's urban mean and 21 above their respective rates for the year 1940. The highest rates during the year were recorded in Moulmeingyun 75·00, Kamayut 69·60, Thayetmyo 62·51, Myaungmya 61·26, Kyaiklat 59·58, Kanbe 54·75, Thingangyun 54·48 and Yenangyaung 51·36. In the towns of Moulmeingyun, Kyaiklat and Yenangyaung the number of deaths ascribed to malaria is three times that recorded in the year 1940. In Kamayut and Thingangyun the increase in the death rates were mainly due to increased number of deaths from all other causes. The high death rates in Thayetmyo and Kanbe are due principally to high incidence of small-pox and fevers. The towns returning the lowest death rates are Akyab 4·31, Myitnge 5·63, Yamèthin 12·38, Sandoway 14·99, Nattalin 16·86, Kyangin 16·67, Shwegyin 17·87, Toungoo 17·53, Kyauksè 17·54, Prome 18·48, Shwedaung 18·79, Minbu 18·65 and Magwe 19·98. In Akyab the low death rate is due to the same condition that contributed to the low birth rate of the town. In Myitnge a large proportion of the population being the employees in the Burma Railways Workshop are adults in the age period 25 to 40 among whom mortality rate is generally low.

### CHAPTER III.

#### Principal Epidemic Diseases.

##### MAJOR EPIDEMIC DISEASES.

The major epidemic diseases in Burma are cholera, plague and small-pox. These diseases are notifiable both in rural and urban areas. The responsibility for taking preventive measures rests upon the local bodies. The vaccination staff employed by them is considered satisfactory and they are generally able to control an out-break of small-pox within their jurisdictions. In the case of cholera and plague,



the Health Officers in towns are in most cases capable of controlling the out-breaks, but District Councils and Deputy Commissioner's Local Fund areas have to depend mainly upon the Public Health Sub-Assistant Surgeons and three Epidemic Mobile Teams of this Department. During the year the Mobile Teams were detailed to Prome, Myanaung, Kyangin, Yenangyaung and Thayetmyo towns and to rural areas of Sagaing, Yamèthin, Meiktila, Thayetmyo, Henzada, Magwe, Pakôkku and Upper Chindwin.

**Cholera (Urban).**—Except in Moulmein town cholera was not prevalent in urban areas to any wide extent. Only eight towns out of 70 reported deaths from this disease. Seventy-one deaths were recorded against 708 in 1940; the rate 0·05 being 0·45 below the rate of 1940. The highest number of deaths (50) was reported from Moulmein.

In this connection the Health Officer, Moulmein, remarks :—

“ There were two sporadic cases in January, in the 3rd Circle, Nayabasty, the month of February being free from cholera. The real onset of the epidemic was in the month of March. The first case was at Karugyaung Street, 5th Division; the second was at Furlong Road and the third at Dinewunkwin Road. The cases were far away from each other and no history of contact between one another could be obtained. All three cases gave a history of errors in diet after fatigue having precipitated the attack. (From the history given, all three cases were exposed to fatigue, and then some error in the diet immediately brought on the attacks.) Mokedee, pork curry with country liquor were stated to be the substances ingested shortly before the attacks. There were 12 cases in March followed by 9 in April; the epidemic reached its peak in May with 30 cases. In June there were 16 cases. The epidemic then subsided and the months of July, August and September were free from infection. In October there were two cases one of which was imported from Minywa Village, the other caught the infection from the imported case. November and December were free from this disease.”

The other towns which reported deaths from this disease are Toungeo (7), Nyaunglebin (5), Rangoon (4), Pyapôn (2), Shwedaung (1), Paungdè (1) and Kyaikto (1).

**Small-pox (Urban).**—The death rate from this disease 0·73 is 1·08 less than the rate for the year 1940. The highest rates were recorded in Thayetmyo 20·58, Kyaiklat 3·19, Allanmyo 2·00. Of the total deaths *viz.*, 1,008 from this disease, Rangoon town recorded 626. In Thayetmyo there was a total of 296 attacks with 191 deaths. The spread of the disease was due to concealment of a number of cases until it flared up in epidemic form. Thirteen persons including a ward headman, a Municipal Committee member and some well-to-do people were sentenced by the Honorary Magistrate to pay fines for failure to report small-pox cases.

**Plague (0·30).**—This figure shows a fall of 0·25 compared with the rate for the year 1940. The highest rates were returned from Danubyu 3·32, Yamèthin 3·01, Myanaung 2·65, Kyangin 2·65 and Ye-U 2·41. Twenty-six towns reported free from this disease during the year under report.



**Measures directed against Epidemic Diseases.**—All the three epidemic diseases mentioned in the previous paragraphs are preventable and the public health staff would be able to bring an out-break under control within a reasonable time if the people would follow the simple instructions given to them. By means of health talks, lectures and distribution of pamphlets the public are constantly educated as to the nature of these diseases and the various ways they can help to prevent their spread. But most people are inclined to rely chiefly on preventive inoculations and neglect the principal preventive method of improvement of general sanitation of the neighbourhood.

**Cholera.**—For the control of this disease the principal measures adopted are disinfection of water supplies, control of the sale of food and drinks, disinfection of infected and neighbouring houses and protection of the people with anti-cholera inoculation. The total number of inoculations performed during the year was 141,813 of which 100,787 were in rural and 41,026 in the urban areas.

**Plague.**—Anti-plague measures including anti-plague inoculation of the people and destruction of rats by various means were carried out. The number of anti-plague inoculations performed during the year was 166,475 of which 88,102 were in rural and 78,363 in urban areas, 206,809 rat-holes were closed down, 177,366 were fumigated and 345,124 rats were killed. The largest number of rats killed, *viz.*, 254,593 is reported from the Rangoon Corporation area.

**Small-pox.**—The most effective preventive against small-pox is vaccination. The immunity conferred by a primary vaccination wanes after a period of years, so that it is necessary for an individual to keep himself revaccinated at intervals if he is to be fully protected.

A separate report showing the state of vaccination in this country is published as Appendix A to this Report.

## CHAPTER IV.

### The Principal Diseases, Non-Epidemic in Burma.

**Malaria.**—This disease accounted for 3,062 deaths during the year. This year's rate 2·21 shows a slight increase of 0·07 compared with the rate for the year 1940. The towns recording the highest death rates from this disease are Wakèma 19·99, Kyaiklat 12·01, Moulmeingyun 9·94, Mergui 9·46, Ngathainggyaung 8·92, Kyaikto 7·87, Thatôn 6·82, Salin 6·61, Paungdè 6·31 and Pyu 6·28.

The following extracts are taken from the Annual Public Health Reports of various urban areas :—

" *Wakèma* is a lowlying place with paddy fields all around. It remains submerged under water for half of the year. When the water subsides several stagnant pools are formed, which help the breeding of mosquitoes.

Moreover most of the people living in this town are traders ; they often go out to other highly malarious places, such as Labutta, fire-wood jungles, etc., and get infected. Malaria becomes therefore, one of the chief causes of sickness in this town.

No spleen index was taken during the year. Because of the introduction of D.D.T. spraying mosquito breeding has been greatly reduced.

*Kyaiklat.*—Malaria was prevalent in both M.T. and B.T. forms. No special anti-malaria measures were adopted during the year under report.

*Moulmeingyun.*—There were 77 deaths during the year under report. No spleen index was taken. The mosquito nuisance is great especially during the rains. They breed mostly in road-side drains and stagnant pools in all parts of the town owing to bad drainage. D.D.T. powder in D. oil was used in malaria control.

*Mergui.*—It is common in the town and it topped the list of prevalent diseases during previous year. The disease declined during the year under report. D.D.T. and Malaria oil were sprayed once a week in all the drains and stagnant places. Wild vegetations were also cleaned out by day conservancy coolies occasionally.

*Kyaikto.*—The disease was prevalent in Kyaikto town, especially in the surrounding villages. Fifty-two deaths from malaria were recorded during the year 1947. The highest number of deaths (10) was recorded in March and lowest number of death (1) was recorded in August.

*Thatôn.*—This disease is prevalent in this town mostly in those parts closer to the hill. One hundred and fifteen deaths were attributed to malaria during 1947. Malariol and D.D.T. solutions were sprayed on stagnant pools and in public institutions.

*Sahn.*—Malaria is prevalent in some parts of the town, especially in the Kyaungya and Thidat quarters, where there are many gardens and monasteries with paddy fields all around and no proper drainage could be done. Malaria starts with the setting in of the cold season, sometimes in an epidemic form but fortunately during the year under report no such epidemic broke out. Anti-malaria measures such as cutting down overhanging branches and clearance of undergrowths, filling up stagnant pools and spraying of D.D.T. upon water-logged areas were carried out.

*Paungdè.*—Malaria headed the list in the number of mortality cases during the year under report. The total number of deaths was 85. There is no anti-malaria campaign in this town. Poverty amongst masses, not being able to have the most ordinary prophylactic measures of having mosquito curtains in their houses, had been the main factor in increased mortality under this head.



*Pyu.*—Malaria is quite common here. There were 49 deaths from this disease. Most of these come from the neighbouring villages situated round about the Pegu Yoma foot hills. No special anti-malarial measures were taken during the year with the exception of clearing rank vegetations and cutting the drains during the rains."

**Malaria Control Units.**—On resumption of the Civil Government this Department inherited seven Malaria Control Units. They were stationed in Prome, Yemèthin, Pegu, Meiktila, Akyab, Lashio and Kyaukpyu. These units attended to malaria control duty either in towns or in rural areas and worked under the direct supervision and control of the District Health Officers. In addition there was also one unit in Rangoon which confined its activities to Rangoon town only in the control of mosquito nuisance. All these Malaria Control Units organized during the period of Military Administration were temporary establishments. With the expiry of Government sanction on the 1st August, five units were disbanded and only three units were maintained, one each at Akyab, Kyaukpyu and Rangoon during the year. D.D.T. spraying of the houses and breeding places, drain cutting and dressing, jungle clearing, canalization, collection of adult mosquitoes and larvæ, reclamation, mepacrine distribution and taking of spleen census were performed by the units. During the year under report 4,239 larvæ and 655 adult anopheline mosquitoes received from the units were identified in the laboratory of the Malaria Bureau. Three million mepacrine tablets were distributed to indigent persons through the units.

The *Gambusia* fish hatchery at the Harcourt Butler Institute of Public Health was revived.

This central hatchery is now in a position to supply the larvivorous fish to the subsidiary hatcheries in the districts.

With a view to study post-war conditions of malaria the Assistant Malariologist visited a group of villages in Hanthawaddy District. In these villages malaria control was effected in pre-war days by introducing larvivorous fish into the tanks which serve as breeding places for the local vector species *A. aconitus*. All the villages were found with reduced spleen rates as follows :—

Villages.		1934	1937	1947
		per cent.	per cent.	per cent.
1.	Kombudein ...	55	7	3
2.	Kyarwin ...	28	5	4
3.	Kyongan ...	23	5	2
4.	Wegyi ...	36	22	2
5.	Panchaung ...	45	28	5
6.	Kamakalok ...	76	43	11

He also visited the Bawgata area in the Toungoo District with the Hydro-electric survey party as one of the members. It was only a preliminary survey lasting about three weeks ; a detail malaria survey of the same area is to be conducted, when conditions permit.

This year was free from serious out-breaks in the country.

**Leprosy.**—The number of deaths ascribed to Leprosy in towns during 1947 is 219, the rate being 0·16. The largest number of deaths have been recorded in Rangoon, Moulmein and Mandalay. This is accounted for by the fact that most of the deaths reported in these towns as due to leprosy, occurred in leper asylums.

There are four Leper Asylums or Homes in Burma, *viz.*, Rangoon Leper Asylum, Kemmendine, St. John's Leper Asylum, Mandalay, Home for Lepers, Mandalay and Moulmein Leper Home, having 309, 311, 175 and 152 leper inmates respectively at the close of the year. These institutions are run by Christian Missions with grants-in-aid received from Government.

Prior to evacuation, there were nine voluntary District Leprosy Relief Associations, each managing a leper colony for housing, feeding and treatment of lepers. These colonies were destroyed during the war. Seven out of nine voluntary Associations have revived. The Associations at Insein, Yamèthin, Shwebo, Mônywa and Minbu have taken action to revive the colonies on the old sites and leper inmates are accommodated in temporary structures. The new colony at Thatôn which was opened in 1946, continued to flourish during the year. In the Southern Shan States, two colonies for isolation of lepers continued to be run, one by the State at Kēngtūng and the other by the Roman Catholic Mission at Loilem. The Burma Tuberculosis and Leprosy Relief Association contributed Rs. 1,250 to the colony at Thatôn and Rs. 3,050 to the colony at Minbu to meet the cost of constructing cottages. The British Empire Leprosy Relief Association, Burma Council, which gave pecuniary aids to colonies before the war, has not yet been revived. The number of leper inmates remaining in leper colonies at the close of the year was 30 at Minbu, 60 at Thatôn, 14 at Nyaunglun in Yamèthin District, 4 at Satthadaw in Insein District, 411 at the State Colony at Kēngtūng and 76 at the Roman Catholic Mission Colony at Loilem.

The Pagan Jail continued to function as an institution for isolation and treatment of prisoners transferred from other prisons on account of affliction with leprosy.

**Leprosy Clinic Van.**—In order to revive the pre-war activity on leprosy control, a Motor Van was presented during the year by the Burma Tuberculosis and Leprosy Relief Association to Government to be used by the Public Health Department in anti-leprosy campaign. The Van was equipped with necessary drugs and instruments and then maintained at Government's expense. The Van was first sent out to



Myingyan District where it was to operate under the charge of U Kyaw Zan, Public Health Sub-Assistant Surgeon. In September this Leprosy Van commenced its mission and investigations on the incidence of leprosy were made in the villages along the main roads. Way-side leprosy clinics were then opened in five villages in Myingyan District. Educative propaganda in respect of leprosy was carried out by the Medical Officer-in-Charge of the Van.

During the year the Special Leprosy Officer gave a broadcast talk on leprosy from the Burma Broadcasting Station. He also gave lectures and demonstration on leprosy to the Public Health Inspector Training Class. A Public Health Sub-Assistant Surgeon was also given training in diagnosis and treatment of leprosy. With a view to revive the pre-evacuation leper clinics, the Special Leprosy Officer visited Insein, Yamèthin, Meiktila, Myingyan, Shwebo and Mônywa. He also visited the Leper Asylum and Home for lepers at Mandalay. In order to study the incidence of leprosy a survey was carried out in Myingyan District by the Special Leprosy Officer, Burma, during the year. In the course of the survey, 188 cases of leprosy were detected from among 11,297 persons examined. The incidence of the disease per hundred persons examined was 1·66 in Myingyan District. This rate is found to be ten times higher than that given by the 1931 census for the same district. A pamphlet and two posters on leprosy were prepared by him during the year for distribution to the public. Educative propaganda on the nature, mode of propagation and method of prevention of leprosy was given by the Special Leprosy Officer in all the areas visited.

**Fevers (4·61).**—The death rate from fevers has shown a rise of 0·16 compared with the rate for 1940. This group of diseases caused 6,391 deaths which constitute 14·17 per cent of the total urban mortality. Of the total fever deaths, 3,062 were ascribed to malaria, 333 to enteric, 187 to measles, 36 to cerebrospinal meningitis, 9 each to typhus and influenza, 8 to kala-azar, 5 to black water-fever, 1 to relapsing fever and the balance of 2,741 to other fevers.

**Enteric Fever (0·24).**—This rate is 0·01 lower than the rate for the year 1940. The highest rates during the year were reported from Taungdwingyi 0·96, Maymyo 0·78, Moulmein 0·75, Sagaing 0·64 and Danubyu 0·63.

**Dysentery and Diarrhoea (1·28).**—The rate is 1·30 lower than the rate for the year 1940. The highest rates were recorded from Insein 3·27, Danubyu 3·00, Moulmeingyun 2·97, Kyaiklat 2·91 and Yenangyaung 2·79.

**Respiratory Diseases, Urban (5·50).**—This rate is 2·77 lower when compared with the rate for the year 1940. Of the total of 7,635 deaths recorded under this heading 4,002 were ascribed to pneumonia, 1,999 to pulmonary tuberculosis, 20 to whooping cough and 1,614 to other



respiratory diseases. The highest rates were recorded in Taungdwingyi 12·35, Myaungmya 9·20, Rangoon 8·66, Myingyan 8·60, Bassein 7·27, Meiktila 7·25, Moulmein 7·01 and Allanmyo 6·63.

**Tuberculosis.**—Out of 2,266 deaths from tuberculosis recorded in towns 1,999 were ascribed to pulmonary tuberculosis, 24 to tuberculosis of joints and the rest 243 to other forms of tuberculosis. The death rate from pulmonary tuberculosis is 1·44. This rate shows a drop of 0·37 compared with the rate for 1940. The Corporation of Rangoon continued to maintain the tuberculosis dispensary opened in 1935. During the year under report there was a total attendance of 29,662 persons, of these 4,012 were new patients among whom 431 were found to be suffering from tuberculosis in one or other of its manifestations. The Medical Officer and the Tuberculosis Nurse made 899 and 907 home visits respectively during the year.

**Beri-beri (0·07).**—This figure shows a fall of 0·01 compared with the rate for 1940. The highest rates were recorded in Kyaikto 1·51, Kamayut 1·24, Nyaunglebin 1·03 and Ngathainggyaung 0·93.

**Cerebrospinal Meningitis.**—Thirty-six deaths from this disease were reported from towns, of which 11 were in Mandalay and 8 from Rangoon. Four deaths were reported from Henzada, 2 each from the towns of Nyaunglebin, Maymyo and Pyinmana and one each from Pegu, Insein, Tavoy, Minbu, Pakôkku, Yamèthin and Mônywa.

## CHAPTER V.

### Rural and Urban Sanitation.

#### URBAN SANITATION.

**General.**—In urban areas the Municipal and Town Committees are responsible for the upkeep of wholesome and protected water supplies, efficient disposal of rubbish and excreta, effective drainage to carry off sullage and waste water, and cleanliness and good management of bazaars. In order to meet this responsibility, most Municipal Committees entertain a more or less adequate staff of inferior personnel. The majority of the Committees, however, do not employ whole-time Health Officers. They co-opt the local Government Medical Officer as a member of their Committee and delegate to him the powers of the Health Officer under section 31 (1) (e) of the Burma Municipal Act. It is the duty of the Health Officer to enforce the various bye-laws relating to public health, especially those relating to buildings, lodging houses, markets, slaughter-houses, burial and burning grounds, bakeries and eating houses.

**Water Supplies.**—In respect of urban areas a protected supply is generally understood to mean a supply through pipe lines. Unfortunately, few municipalities can afford to introduce and maintain a piped



water supply. Piped water supplies are available only in the following towns :—Akyab, Pegu, Tharrawaddy, Thônze, Letpadan, Minhla, Bassein, Moulmein, Minbu, Yenangyaung, Chauk, Maymyo, Lashio, Kalaw and Taunggyi. In the rest of the towns, shallow wells and tanks form the main sources of supply, and periodical chlorination is depended upon to render the supplies safe.

**Conservancy.**—The removal of rubbish and excreta is one of the primary functions of Municipalities. For carrying out this object municipal committees have to maintain an adequate staff and equipment. Owing to financial stringencies and dearth of wet sweepers, only a few municipalities were successful in maintaining the pre-war strength of dry and wet sweepers. There was an acute shortage of vans for removal of refuse, until an allotment of 50 "Ford Tippers" were made available to this Department by the Superintendent, Government Central Stores, Rangoon. These Tippers were distributed to 26 towns. Removal of debris, sweeping of public roads, clearing of drains and disposal of garbage both from town and bazaar were carried out in all the towns with the available staffs. Due to acute shortage of wet sweepers some municipalities were not in a position to revive the bucket system of removal of excreta. In such municipalities house owners were either insisted upon to maintain deep pit latrines or to arrange privately for the removal of excreta.

Generally, it may be stated that the disposal of night soil and removal of rubbish in all towns in Burma have not been satisfactorily carried out.

**Markets.**—The majority of the markets in towns are owned by Municipal and Town Committees. It is therefore their responsibility to keep their markets in clean condition, to forbid encroachments and to prevent the stocking of useless and unnecessary materials near the stalls. During the year most Municipal and Town Committees were not in a position to keep the markets in a satisfactory sanitary condition due to shortage of staff, increased number of bazaar-sellers and lack of co-operation on the part of the stall-holders and bazaar-sellers. The authorities were unable to strictly enforce the market bye-laws.

## CHAPTER VI.

### Maternity and Child Welfare.

**Maternal Mortality Rate.**—The maternal mortality rate as calculated on the number of deaths of mothers due to child births per thousand of *total births* (i.e., live births and still births) is 9·21 for towns in Burma as against 9·97 in 1940. All deaths of mothers within 14 days of delivery are registered as being due to effects of child birth. As registration of births and deaths in rural areas has not yet been reintroduced after the re-occupation of the country, no maternal mortality rate for rural areas can be furnished.



**Still-Birth Rate.**—The number of still births recorded during the year is 3,035 in towns and the rate for the year is 61·32 per 1,000 of total births (*i.e.*, live births and still births) as against 10·81 for 1940.

**Infant Mortality Rate.**—The infant mortality rate for towns in this country for 1947 is 297·70 per 1,000 births as against 272·70 for 1940. The reasons usually attributed for the high mortality rate by the Health and Medical Officers are :—exposure to insanitary surroundings, birth of weakly infants to mothers whose conditions are debilitated by a rapid succession of pregnancies, irregular breast feeding producing digestive disorders among infants, and want of skilled assistance during labour. The towns which recorded high rate are Chauk (647·54), Thingangyun (527·34), Kamayut (523·94) and Wakèma (514·89). These rates show that over half the infants born in these towns do not survive their first year of life. There are no Child Welfare Societies in the first two places to pay special attention to infant welfare work. Maternity and Infant Welfare Societies have been re-established in Kamayut and Wakèma but as the services of qualified Lady Health Visitors could not be obtained, the societies did not function properly.

**Maternity Work.**—The provision of an adequate skilled midwifery service is an important obligation of local bodies. Some Municipalities delegate this responsibility to the local voluntary organizations and pay a yearly contribution. As a result of War, most of the organizations were crippled both in property and in financial resources. Only 31 Maternity and Infant Welfare Societies were reorganized and revived up to the end of the year 1947. The total number of Midwives employed by local bodies was 84 and they attended to 10,572 confinements.

**Child Welfare Work.**—As in pre-war, the child welfare work has been still in the hands of the voluntary local societies which are financially assisted by Government, local bodies, the Burma Red Cross Society and private individuals. The work of these societies comprises of visits to the homes of mothers within the area in which they operate, providing of medical and nursing care in cases of child birth and supply of milk food and other necessities for the welfare of the children.

Pay and allowance of Lady Health Visitors employed with the Maternity and Infant Welfare Societies were met by Government up to the 31st August 1947.

With a view to expand the Maternity and Infant Welfare work in the country, a Women and Children Welfare Board has been created (in September 1947) and on the advice of the Board steps are being taken to introduce State Maternity and Infant Welfare Services throughout the country by stages. It is expected that the development and expansion in several directions will be achieved by gradual process.



The following is a brief summary of activities during the year 1947 of the principal Child Welfare Societies in Burma :—

*Rangoon.*—The Corporation of Rangoon maintained two Infant Welfare Centres, one at Kemmendine and the other at Theinbyu. Two Lady Medical Officers (Medical Graduates) and 11 Lady Health Visitors were employed in these Centres. Two Lady Medical Officers paid 4,644 and Lady Health Visitors 30,176 Home Visits. There were 1,815 ante-natal attendances at the Centres. The National Council of Women in Burma restarted its pre-war Child Welfare Work and continued to run the Baby Welcome Clinic at Bowlane with one Health Visitor and one Midwife. During the year, 386 infants, 247 toddlers 269 ante-natal cases and 26 post-natal cases, making a total of 928 registered at the Clinic. Maternity and Child Welfare Clinics were held on Mondays, Tuesdays and Fridays and the average attendance was about 25.

*Mandalay.*—The Maternity and Infant Welfare Society could not be revived during the year under report, owing to various unfavourable circumstances. Pending the revival of the society, pre-war staff of the society consisting of two Lady Health Visitors, eight Midwives and one female servant were maintained by the Mandalay Municipal Committee. The Clinics were opened daily, except on Sundays at the Out-door patient department of the Mandalay General Hospital by two Lady Health Visitors. A total number of 8,245 attendances at the Clinic was recorded, and the total number of Home Visits made by the Health Visitors was 7,542. The eight Midwives conducted 930 confinements.

*Maymyo.*—The staff of the Maternity and Infant Welfare Society consists of one Lady Health Visitor and three Midwives. The Centre recorded 5,914 attendances and the Health Visitor made 4,358 Home Visits during the year. The three Midwives of the Society conducted 280 confinement cases, and paid 2,572 ante-natal and 2,621 post-natal visits.

*Bassein.*—The Infant Welfare Society has in its employ a qualified Lady Health Visitor and four Midwives. The Lady Health Visitor supervised the work of the Midwives. The Midwives conducted 617 confinement cases during the year.

*Moulmein.*—The Society for the Prevention of Infant Mortality has a qualified Lady Health Visitor who supervised the work of the Town Result Midwife and attended the Clinic for Infants and to ante-natal and post-natal work. There were four Midwives paid by the Municipality under the supervision of the Society. The total number of attendances at the Centre—one at Daingwun-kwin and the other at Maungan—recorded, was 2,344. The Health Visitor paid 2,501 Home Visits. The number of confinements conducted by the Midwives was 471.



*Taunggyi.*—The Infant Welfare Society employed a Lady Health Visitor. During the year the Health Visitor paid 4,731 Home Visits and the Centre had 1,163 attendances.

*Toungoo.*—A Clinic was run by the Maternity and Infant Welfare Society with one Lady Health Visitor up to the end of September 1947. The Clinic had to be kept closed temporarily till the end of the year as the Lady Health Visitor resigned from service on the 1st October 1947 and no substitute could be recruited. The attendances at the Clinic numbered 2,126 and the Home Visits paid by the Health Visitor were 5,624.

*Henzadia.*—The Infant Welfare Society employed a Lady Health Visitor who paid 3,129 Home Visits. The Centre had 3,485 attendances

*Thatôn.*—The Maternity and Infant Welfare Society had in its employ a Lady Health Visitor. The Municipal Vaccinator attended the Health Centre maintained by the Society on every clinic day, to carry out vaccination among Children and Mothers who attended the Centre. The Municipal Midwife also attended the Clinic on every Wednesday to see the ante-natal cases and to carry on external examinations of the expectant mothers. The Centre recorded 16,692 attendances during the year and the Lady Health Visitor made 3,138 Home Visits.

*Pyinmana.*—The Maternity and Infant Welfare Society employed a Lady Health Visitor. The number of Centre attendances during the year was 3,974. The Lady Health Visitor made 1,678 Home Visits.

*Bhamo.*—The attendances at the Centre maintained by the Infant Welfare Society for the year was 186. The Health Visitor paid 2,189 Home Visits.

*Syriam.*—The Child Welfare Society continued to run two Centres one at Bawlonekwin and the other at Thanlyin. The Lady Health Visitor of the Society paid 4,013 Home Visits, and total number of attendances at two Centres during the year was 3,577.

*Myaungmya.*—The Lady Health Visitor of the Maternity and Infant Welfare Society paid 1,879 Home Visits. The attendances at the Centre numbered 1,775.

*Insein.*—The Maternity and Infant Welfare Society was re-established in May 1946. The total number of attendances at the Centre during the year was 1,054, and the Nurse-Midwife of the Society paid 1,325 Home Visits.

*Pyu.*—A Lady Health Visitor was entertained by the Maternity and Infant Welfare Society. She attended 381 cases at the Clinic and paid 1,276 Home Visits during the year.

*Kungyangôn.*—The activities of the Maternity and Infant Welfare Society were mainly confined to looking after mothers and babies at

the shelter, in the hospital premises. The Society employed its own Midwife and the total number of confinements conducted by the Midwives during the year was 64.

*Twantè.*—The Maternity and Infant Welfare Society, Twantè, built a Maternity Shelter near the hospital with contribution received from the District Council, Hanthawaddy. They engaged a qualified Midwife to perform maternal welfare work at the shelter. During the year, 126 confinement cases were conducted at the shelter.

*Yenangyaung.*—A Lady Health Visitor of the Maternity and Infant Welfare Society, Yenangyaung, paid 1,779 Home Visits during the year. The number of attendances at the Centre was 2,208.

## CHAPTER VII.

### Public Health Propaganda.

**Hygiene Publicity.**—In pre-war days the Hygiene Publicity Officer, Burma, was provided with magic lanterns, lantern slides, cinema projectors and cinema films on various health subjects. In addition, the District Health Officers were also supplied with magic lanterns and lantern slides for health propaganda work in Municipal Towns as well as in rural areas. All such equipment were either lost or damaged during the war and arrangements are being made to re-equip the Hygiene Publicity Officer and District Health Officers with these. During the year the urban and rural health staff gave 2,047 health talks and lectures and were successful in distributing 10,902 copies of health publications.

The Hygiene Publicity Officer, Burma, attended the Grand Carnival Show and Baby Show held at Myaungmya, the Union of Stage and Screen Exhibition and the Arts and Crafts Exhibition held at Rangoon. He conducted health exhibitions on a small scale at these shows with the available health exhibits, models, charts and posters. At the Grand Carnival and Baby Show at Myaungmya he conducted cinema demonstrations with films entitled "Safety First" on Small-pox, "Life Guard" on Plague and "Village Well" on Cholera. These films were screened on the 35 M.M. projector the use of which was very helpfully arranged by the Deputy Commissioner, Myaungmya, for the occasion.

Ten lectures on Leprosy, Cholera, Small-pox, Plague and Personal Hygiene in Burmese were broadcast by the Special Leprosy Officer and the Hygiene Publicity Officer, Burma, from the Burma Broadcasting Station. The old health cards, pamphlets and posters which were stocked by this Department for distribution were destroyed during the enemy occupation of the country. New health cards on Small-pox, Cholera, Plague, Malaria and Flies, and pamphlets on Venereal Diseases, Plague, Cholera, Small-pox, D.D.T., Nutrition (Nos. 1, 2 and 3)



and Leprosy, twelve posters on Plague, Cholera, Small-pox (Nos. 1 and 2), Nutrition (Nos. 1, 2, 3 and 4), Maternity and Child Welfare (Nos. 1 and 2) and Registration of Births were produced and 279,000 cards, 70,000 pamphlets and 36,500 posters were printed during the year at the Government Printing Press.

**Burma Red Cross Society and Health Propaganda.**—The Burma Red Cross Society contributed a sum of Rs. 5,000 for the replacement and renewal of health models, posters, charts, etc. The first instalment of Rs. 600 has duly been received and renovation of old and printing of new posters were carried out during this year.

## CHAPTER VIII.

### Personnel employed on Public Health Work in Burma.

#### District Staff.—

*District Health Officers.*—The sanctioned strength in this cadre is five. Two permanent posts at Hanthawaddy and Bassein were held by U Lat, M.B., B.S., D.P.H., and U Ba Nyun, B.Sc., M.M.F., D.P.H., respectively throughout the year. U Maung U, M.B., B.S., D.P.H., worked as another permanent District Health Officer, in Myingyan District, till his transfer as Assistant Port Health Officer, Rangoon, in early part of March 1947. Consequent on the appointment of U Maung U, M.B., B.S., D.P.H., as Assistant Port Health Officer, Rangoon, Dr. C. C. Po., M.A., L.M.S.S.A., D.P.H., R.C.P.S., who was holding the temporary post of Health Officer, Rangoon Suburban areas was confirmed in the vacancy as a permanent District Health Officer. The remaining two posts are on temporary basis. Mr. B. C. Barua, M.B., B.S., D.P.H., held one of the posts at Akyab District and Mr. A. Mobsby, M.B.E., M.B., B.S., held the other post at Toungoo District.

*Assistant District Health Officers.*—The number of Assistant District Health Officers sanctioned for this Department is five. Mr. R. B. Singh, M.B., B.S., the only permanent incumbent in this cadre was employed at Bassein while the remaining four posts were left vacant during the year.

*Sub-Assistant Surgeons.*—The total pre-war strength of Epidemic Sub-Assistant Surgeons of this Department was 44, of which 39 were on permanent basis and five were on temporary basis. Of the 39 permanent posts 30 have been revived, as permanent posts; the remaining 9 posts have been treated as temporary on austerity basis. The entertainment of the five pre-evacuation temporary posts is also sanctioned. As sufficient personnel was not available for epidemic duty, four Epidemic Mobile teams inherited from the military administration, continued to be entertained. On account of shortage of medical personnel, senior and



experienced Public Health Inspectors were placed in charge of these Epidemic Mobile teams. However, only 25 permanent Sub-Assistant Surgeons were appointed during the year under review. Of these one officiated as Hygiene Publicity Officer, Burma, while another acted as Assistant Malariologist. Of the remaining 23 Public Health Sub-Assistant Surgeons, one was engaged at the Bacteriological Section of the Harcourt Butler Institute of Public Health, Rangoon. One was promoted as Special Leprosy Officer, Burma, while another was entrusted with the duties of Health Officer, Mingaladon. The services of four were put on Port Health duties at the Ports of Rangoon and Akyab. Two were lost to this Department as one died and the other resigned. Thus at the end of the year there were only 14 employed on epidemic and general sanitary duties.

*Health Inspectors.*—Eighty-five Public Health Inspectors and eight Inspectors of Vaccination were employed in rural areas and 124 Public Health Inspectors were employed in urban areas.

On the recommendation of this Department, the following candidates were accepted by government as eligible for registration as qualified Public Health Inspectors :—

- (a) 34 candidates who were trained by the Bureau of Public Health Administration during enemy occupation, and who subsequently passed the final qualifying examination for Public Health Inspectors.
- (b) 14 candidates who were trained during 1941-42, but could not be examined for the qualifying examination then, and who subsequently passed the qualifying examination held by the Bureau of Public Health Administration during enemy occupation.

Nine candidates underwent the training class of Public Health Inspectors held at the Harcourt Butler Institute of Public Health, Rangoon, in October 1946 and passed the final examination held in June 1947. Of them one gained distinction in this examination.

*Headquarters Staff.*—U Maung Gale, B.A., M.B., D.P.H., held the post of Deputy Director of Health Services, Burma.

U Tha Gyaw, B.Sc., M.B., D.P.H., held the post of Assistant Director of Health Services, South Burma and Mr. V. W. Fenn, L.S.M.F., M.P.H., held the post of Assistant Director of Health Services, North Burma.

THA MYA, M.B. (Cal.),  
*Director of Medical and Health Services, Burma.*





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## VITAL STATISTICS CHART I TO III.

## APPENDIX A.

## VACCINATION PERFORMED.

A total of 1,425,503 persons was vaccinated during the year. Of these, 957,391 were vaccinated in rural areas and 468,112 in urban areas.

**Rural Vaccination.**—Of 957,391 operations performed in 31 districts 354,470 were primary and 602,921 revaccinations.

Of the primary operations, 238,237 were successful, while the results of 64,982 were left unverified. The success rate in verified cases was 82·24 per cent.

Of the successful primary operations, 62,375 were on infants under one year of age, 135,111 on children of one to six years and 40,751 on those above six years.

Of the 602,921 revaccinations, 74,237 were successful, while the results of 159,240 are reported as "unknown." The rate of success in known cases was 16·73.

The number of persons known to have been successfully vaccinated and revaccinated per thousand of population was 32·01.

Three districts, *viz.*, Arakan Hill Tracts, Myaungmya and Maubin reported 100 per cent success rate of primary vaccination. Of the remaining 28 districts, 9 reported successes between 90 and 100 per cent and the rest, *viz.*, 19 districts reported successes below 90 per cent.

**Urban Vaccination.**—In sixty urban areas, 468,112 operations were performed by regular vaccinators. Of these 71,233 were primary and 396,879 were revaccinations. Of the primary 55,303 were successful, while the results of 9,715 remained unverified. The success rate in verified cases was therefore 89·85 per cent. Twenty-one towns reported 100 per cent success. Of the other 39 towns, 15 towns reported successes between 90 and 100 per cent, while the rest, *viz.*, 24 towns reported successes below 90 per cent. Low success rates were reported from Akyab 54·81, Kyaukpyu 56·44, Pyu 49·31, Taungdwingyi 53·27, Sagaing 55·06 and Bhamo 55·20. Of the 71,233 successful vaccinations, 29,035 were on infants under one year of age and 23,361 on children of one to six years. The number of births recorded in 60 urban areas was 43,842 and deaths under one year totalled 13,250. The number of survivors according to these records was 30,592. Of these 29·035 infants were vaccinated during the year.

Of the 396,879 revaccinations, 37,333 were successful, while 140,365 cases were not inspected. The percentage of success in verified cases was 14·55 per cent.



The number of persons successfully vaccinated per thousand of population was 72·02.

**Jails.**—Of the 13,830 operations performed in Jails 192 were primary and 13,638 revaccinations. Of the primary cases 86·86 per cent were successful and of the revaccinations 35·90 per cent were successful.

**Ports.**—A total of 16,154 operations was performed in the Port of Rangoon. Of these 605 were primary and 15,559 revaccinations.

**Federated Shan States.**—A total of 30,601 primary operations and 48,850 revaccinations were performed in rural areas of Southern Shan States. The success-rate in primary cases was 98·14 per cent and in revaccinations 27·72. In the town of Lashio 263 primary and 2,492 revaccinations were performed. Of the primary cases 212 or 90·87 per cent were successful, while the success rate of revaccination was 38·90 per cent.

**Verification Work of Inspecting Officers.**—Verification work was performed by the District and Assistant District Health Officers in 16 districts only. They verified 2·95 per cent of the primary vaccinations and 2·71 per cent of the revaccinations. In the remaining 15 districts verification work was not carried by these officers. Inspectors of Vaccination, Public Health Inspectors and Public Health Sub-Assistant Surgeons in rural areas inspected 53·19 per cent of the primary vaccinations and 53·17 per cent of the revaccinations.

In urban areas Municipal Superintendents of Vaccination (Health Officers) verified 16·12 per cent of the primary vaccinations and 6·96 of the revaccinations, while the Public Health Inspectors verified 71·99 per cent of the primary vaccinations and 73·43 per cent of the revaccinations.

#### VACCINE LYMPH SUPPLY.

Prior to evacuation of the country local bodies were supplied with vaccine lymph manufactured at the Vaccine Dépôt, Meiktila. All the equipment belonging to the Dépôt were either lost or damaged during the war and 9 of the 13 buildings and huts in the compound of the Dépôt were razed to ground leaving the remaining 4 buildings in badly damaged condition. Necessary action is being taken to arrange for the manufacture of vaccine lymphs at the Harcourt Butler Institute of Public Health, Rangoon, as early as possible. At present vaccine lymph is obtained from Bengal and Bombay at the price of annas two per dose. A total of 1,873,930 doses was distributed to local bodies during the year.

## APPENDIX B.

REPORT REGARDING SANITARY WORK CARRIED OUT UNDER THE CONTROL  
OF THE SUPERINTENDING ENGINEER, PUBLIC HEALTH CIRCLE,  
RANGOON, DURING 1947.

*Narrative Progress Report of Works carried out by the Superintending  
Engineer, Public Health Circle, during the year 1946-47.*

1. *Water Supply*.—(General maintenance of) water supply and sanitary installation in Government and requisitioned buildings in Rangoon were maintained efficiently during the year.

Mobile pumping plants were also maintained for Government offices and residences where the pressure of Corporation Water Supply was low.

Duplicate electric pumping plants 5 H.P. 2500 G.P.H. each were installed in the following buildings :—

Custom House.  
High Court.  
Kyauktada Police Station.  
Mogul Guard.  
General Post Office.  
Lanmadaw Police Station.  
General Hospital.

One No. 10 P.H. Electric pump 6000 G.P.H. and one No. 15 H.P. Electric Compressor 80 c.ft. were installed at the President's House.

Extensive repairs due to war damage to the sanitary and water supply installations were carried out in the following buildings in the Districts :—

Central Jail, Insein.  
C.I.D. Headquarters, Insein.  
Military Police Lines, Insein.  
Government High School, Insein.  
Jail Press, Insein.  
Civil Hospital, Insein.  
Veterinary College, Insein.  
Mental Hospital, Tadagale.  
Farm Building, Hmawbi.  
Maymyo Civil Hospital.  
Agricultural College, Mandalay.

A new 6 inch tube well was sunk at the Central Jail, Tharrawaddy, to replace the unserviceable old tube well.

Six kite motion hand pumps for supply of water were provided for in the following Jails :—

Bassein.	Mônywa.
Paungdè.	Nyaungoo.
Myingyan.	Meiktila.



Bazaars.—*Nil.*

Drainage Scheme.—*Nil.*

*Burma Underground Water Act, 1930.*—One permanent and seven temporary licences for new tube wells were granted in accordance with the Burma Underground Water Rules, 1941.

*Appendix B.*—The Government has sanctioned during the year loans to the following local bodies as noted against each to rehabilitate their water supplies :—

			Rs.
Akyab Municipality	...	...	39,200
Tharrawaddy Town Committee	...	...	41,300
Letpadan Municipality	...	...	41,300
Minhla Municipality	...	...	41,300
Nyaunglèbin Municipality	...	...	41,300
Prome Municipality	...	...	46,900
Maubin Municipality	...	...	41,300
Moulmein Municipality	...	...	21,700
Mônýwa Municipality	...	...	34,300
Taungdwingyi Municipality	...	...	41,300
Thayetmyo Municipality	...	...	34,300
Minbu Municipality	...	...	34,300
Magwe Municipality	...	...	77,000
Myingyan Municipality	...	...	88,900
Mandalay Municipality	...	...	91,000

Of these sanctions, estimates for the following stations have been sanctioned and work in progress :—

				<i>Amount of Estimate</i>
				Rs.
Tharrawaddy	...	...	...	41,000
Letpadan	...	...	...	13,500
Prome	...	...	...	18,000
Thayetmyo	...	...	...	40,295
Minhla	...	...	...	44,127
Nyaunglèbin	...	...	...	51,800
Maubin	...	...	...	41,300
Minbu	...	...	...	34,300

The following stations have been inspected and estimates are under preparation :—

Akyab.	Pakôkku.
Moulmein.	Mandalay.
Mônýwa.	Taungdwingyi.
Magwe.	Myingyan.

## APPENDIX C.

## PUBLIC HEALTH REPORT FOR THE YEAR 1947 FROM SENIOR MEDICAL OFFICER, BURMA CORPORATION, LIMITED, NAMTU.

Patients treated in Hospital, in-door and out-door (new admissions only) during the year 1947 :—

				New Admissions.	
				In-Patients.	Out-Patients.
Enteric fever	...	...	64	...	
Diphtheria	...	...	2	...	
Chicken-pox	...	...	...	16	
Mumps	...	...	10	287	
Measles	...	...	...	1	
Malaria	...	...	608	4,276	
Dysentery	...	...	11	54	
Diarrhoea	...	...	...	111	
Intestinal parasites	...	...	6	100	
Other diseases of the alimentary system.			47	4,637	
Pneumonia	...	...	53	...	
Tuberculosis of lungs	...	...	3	...	
Other diseases of the Respiratory system.			39	2,135	
Diseases of blood	...	...	28	710	
Diseases of heart and circulation			1	...	
Diseases of lymphatic system	...	...	5	27	
Diseases of nervous system	...	...	6	281	
Diseases of generative system	...	...	25	59	
Diseases of eye	...	...	8	324	
Diseases of ear, nose and throat			3	418	
Diseases of skin	...	...	13	732	
Deficiency diseases	...	...	...	491	
Syphilis	...	...	5	1	
Gonorrhoea	...	...	1	7	
Labour—Normal and abnormal	...	...	47	17	
Diseases of bones and joints	...	...	22	427	
Injuries	...	...	70	1,069	
Tumours	...	...	6	1	
Infection of areolar tissues	...	...	69	1,260	
Dog-bite	...	...	...	6	
Total	...	...	1,152	17,447	



*Return of Patients Treated, both In-door and Out-door  
during the year 1947.*

			In-Patients.		Out-Patients	
			Total—New and old cases.	Daily Average.	Total—New and old cases.	Daily Average.
January	...	...	748	24·1	3,688	119
February	...	...	743	26·5	3,691	132
March	...	...	723	23·3	5,187	167·3
April	...	...	712	24	5,486	183
May	...	...	774	25	5,858	189
June	...	...	959	32	5,881	196
July	...	...	1,133	36·5	7,041	227
August	...	...	1,194	38·5	7,189	232
September	...	...	1,063	35·4	7,737	257·9
October	...	...	1,299	41·9	7,745	249·8
November	...	...	1,357	45·2	6,866	228·9
December	...	...	1,415	45·7	7,543	243·3
Total	...	...	12,120	398·1	73,912	2,425·2

Daily average of In-Patients treated	...	...	33
Daily average of Out-Patients treated	...	...	203

*Deaths in Hospital during the year 1947—*

Anæmia	...	...	...	...	5
Enteric fever	...	...	...	...	8
Malaria	...	...	...	...	7
Pneumonia	...	...	...	...	10
Tuberculosis of lungs	...	...	...	...	2
Brochiectasis	...	...	...	...	1
Diphtheria	...	...	...	...	2
Carcinoma colon	...	...	...	...	1
Abnormal labour (Transverse presentation with septicæmia)	...	...	...	...	1
Acute nephritis	...	...	...	...	1
Icterus neonatorum	...	...	...	...	1
Hæmatoma, left temporal region with concussion and compression of brain	...	...	...	...	1
Vascular disorder of nervous system cerebral hæmorrhage	...	...	...	...	1
Cerebral thrombosis	...	...	...	...	1
Toxæmia of pregnancy (Eclampsia)	...	...	...	...	1
Cirrhosis of liver	—	...	...	...	1
Valvular disease of heart	...	...	...	...	1

*Births in Hospital during the year—*

Live-births	...	...	...	...	61
Still-births	...	...	...	...	3

**Malaria.—**

Number of cases	...	...	...	...	4,884
Number of deaths	...	...	...	...	7
Death rate per 100	...	...	...	...	0·1,433

**Prophylaxis.**—Prophylactic administration of Paludrine in the dosage of one tablet bi-weekly for adults and proportionately less for children was given and the result was encouraging.

**Enteric Fever.**—

Number of cases	...	...	...	...	64
Number of deaths	...	...	...	...	8
Death rate per 100	...	...	...	...	12.5

**Pneumonia.**—

Number of cases	...	...	...	...	53
Number of deaths	...	...	...	...	10

**Tuberculosis of Lungs.**—

Number of cases	...	...	...	...	3
Number of deaths	...	...	...	...	2

**Diphtheria.**—

Number of cases	...	...	...	...	2
Number of deaths	...	...	...	...	2

**Mumps.**—

Number of cases	...	...	...	...	297
Number of deaths	...	...	...	...	...

**Chicken-pox.**—

Number of cases	...	...	...	...	16
Number of deaths	...	...	...	...	...

**Small-pox.**—

Number of cases	...	...	...	...	Nil
Total number of vaccinations done during the year	...	...	...	...	5,318

**T.A.B. Inoculation.**—One thousand Seven hundred and seventy-five persons were inoculated with T.A.B. vaccine during the year.

**Cholera.**—

Number of cases	...	...	...	...	Nil.
Number of persons inoculated with cholera vaccine	...	...	...	...	672

**Industrial Diseases.**—*Nil.*

The Industry was under rehabilitation. As only repair and construction work were being carried and smelting process had not started, there had been no case of lead poisoning.

**Prevalent Diseases.**—Malaria, pneumonia, diseases of the alimentary system, injuries and diseases of the skin are common diseases in the locality.

**Infectious Diseases.**—There was a mild epidemic of mumps amongst children during the year. All cases responded to treatment.

There were a few cases of chicken-pox and 2 sporadic cases of diphtheria during the year.

**Water Supply.**—There was plentiful supply of good and wholesome drinking water throughout the year.

**Milk.**—Fresh cows and buffaloes milk at reasonable rate was available during the year. The milk supply was sufficient for the population.

**Vegetables.**—Fresh vegetables and eggs were always available but the prices were rather high.



**Beef, Mutton and Pork.**—These were regularly inspected. Flucky livers were destroyed.

Mutton supply was scarce while beef and pork were available throughout the year in sufficient quantities.

**Slaughterhouses and Meat Stalls.**—These were regularly inspected and found in good condition.

**Bazaars.**—Eating houses, food stalls and markets were inspected regularly. They were kept clean in good sanitary condition.

**Conservancy.**—Deep pit latrines replaced the old bucket latrines in the area. A few flush latrines were put into commission.

Refuse disposal was done by dumping into river and burning in pits wherever possible.

**Schools.**—Schools were visited periodically by the Medical Officer. Prophylactic treatment for malaria with paludrine and vaccination against small-pox were given to school children.

General health of the children was satisfactory.

**Police Lock-up.**—This was regularly visited. Sanitary condition was satisfactory and there was no complaint about food from the prisoners.

B. B. DUTTA,  
*Senior Medical Officer.*

## APPENDIX D.

## RANGOON AIRPORT, MINGALADON.

*Inspection of In-coming Air-crafts.*—A total number of 262 in-coming aircrafts were inspected and in addition 6 planes in transit and one R.A.F. plane were inspected. No cases of infectious disease were detected.

*Inspection of Out-going Air-crafts.*—A total number of 263 out-going aircrafts were inspected including 6 in transit and 5 R.A.F. planes during the period.

*Inspection of In-coming Passengers.*—Two thousand two hundred and twenty-six in-coming civilian passengers were inspected during the period and all of them were in possession of necessary medical certificates.

*Inspection of Out-going Passengers.*—A total number of 2,692 out-going passengers were inspected and all were protected against cholera, small-pox, etc., as required by this Department.

*Examination of In-coming Civilian Crew.*—A total number of 1,053 in-coming civilian crew were inspected, including 47 in transit and all were found carrying necessary certificates.

*Examination of Out-going Civilian Crew.*—Nine hundred and eighty-eight out-going civilian crew, excluding 47 crew in transit, were inspected during the whole period and all were found in possession of necessary certificates.

*Issue of Bill of Clearance.*—Two hundred and fifty-two bills were issued during the period.

*Vaccination.*—No vaccination was performed at the Airport during the period.

*Disinfection.*—The baggages of infected persons and the in-contacts require to be disinfected and it will be necessary to install either a portable or a fixed steam disinfecter at this Airport at an early date.

*Infectious Diseases.*—No infected cases were detected amongst the in-coming and the out-going passengers during the period under review.

*Anti-mosquito Room.*—It is proposed that an Anti-mosquito Room for the detention of persons arriving from Yellow fever zone and suspected to be suffering from that disease be constructed in the Airport.

## PORT HEALTH ADMINISTRATION DURING 1947.

*Akyab.*—In-coming vessels at this port from Indian ports numbered 25. They carried 3,886 passengers and 2,934 crew. Out-going vessels numbered 29. Of these 27 with the crew of 3,112 and 6,151 passengers sailed to Indian ports while the remaining 2 with the crew of 123 sailed to ports beyond India and Burma. All the passengers of in-coming and out-going vessels were medically examined. In addition,



passengers of several sampans which came from Indian ports were also examined. One case of small-pox and other case of cholera were reported, while one case of measles was detected during inspection of in-coming vessels in this port.

*Kyaukp̄yu.*—No in-coming vessels and out-going vessels called at this port during the year under review.

*Bassein.*—Twenty-eight vessels, 7 from foreign ports, 11 from Indian ports and 10 from Burma ports called at the station. Of these, 9 and 4 left for Foreign and Indian ports respectively. The remaining 15 left for Burma ports. During the year 1,126 crew of the 18 in-coming vessels and 750 crew of the 13 out-going vessels were medically examined.

*Moulmein.*—Ten in-coming vessels; 2 from Indian ports and 8 from ports beyond India and Burma and 13 out-going vessels, 10 to ports in India and 3 to ports beyond India and Burma, were examined. They carried 1,781 crew and 113 passengers. No case of any infectious diseases was detected on these vessels.

*Tavoy.*—Twenty-five passengers proceeding to Foreign ports were granted certificates of vaccination and anti-cholera inoculation. No medical inspection of vessels was carried at this port due to shortage of staff.

#### ANNUAL REPORT OF THE PORT HEALTH OFFICER OF THE PORT OF RANGOON, FOR THE YEAR 1947.

Dr. J. A. Anklesaria, M.B.E., K.-I.-H., was in-charge of the department up to 12th March 1947 when he proceeded on leave preparatory to retirement. I took over charge of the duties of the Port Health Officer with effect from 13th March 1947.

At the beginning of the year under report, though the actual numbers of ships calling at or leaving the Port of Rangoon were much less than those of the pre-war days, the amount of work that had to be done by this department had increased to such an extent that it was deemed necessary to apply to the Government for additional staff. Consequently, an extra Sub-Assistant Surgeon was posted to this department on 17th March 1947 and provision made for the posting of an additional nurse and a clerk. This increase in the volume of work was due to the requirement to examine all the crew and passengers of ships proceeding to India, prior to issue of Bill of Health. Bills of Health were issued to those ships from 8th February 1947. Before the 2nd World War, Bills of Health were not issued to any ship proceeding to India in accordance with the agreement made with the Government of India. Personally, I do not see any reason why this agreement should not be revived in the spirit of Article 49 and Article 57 of the International Sanitary Convention of 1936, as amended. I have already addressed the Director of Medical and Health Services on this subject under my letter No. 676/Main File of 4th August 1948.

The department was still sorely handicapped for want of Clayton B fumigation Apparatus about which mention had already been made in the Annual Report of 1946. Cyanide fumigation of ships was out of question. It would be recalled that in 1939 a proposal was made to use cyanide as a fumigant ; but it was rejected on the ground that ships could not be left unattended at any time in a Port like Rangoon where the tides could be very strong.

Consequently, 150 sets of sulphur trays were indented as an alternative and fumigation of ship with sulphur started from 21st August 1947. This method, however, had its own limitations and could not be employed for fumigating loaded ships and fortunately, during the year under report no exigency arose wherein the loaded ships were required to be fumigated.

The Municipal Observation Hospital was not yet ready ; but information was received that it was in the process of being rehabilitated. In the mean time, undiagnosed fever cases continued to go to their homes or destinations on their own undertakings.

Two thresh disinfectors were received during the year and the Port Commissioners had kindly undertaken to convert them into portable disinfectors which could be used either in the Port Health Station or anywhere else. The Port Health Station had been repaired to a great extent and could be considered to be good enough to deal with all exigencies.

*Inspection of In-coming Vessels.*—In-coming vessels inspected. The total number of cargo and passenger vessels inspected in the year 1947 was 577 or 60 more than the year 1946 (1st February 1946 to 31st December 1946). Of these 292 were from Indian ports and 285 from Foreign ports. They carried 52,586 crew and 117,912 passengers, the figures being 1,841 less and 48,375 more, respectively, than those of the year 1946 (1st February 1946 to 31st December 1946). In addition, a number of passengers totalling 5,667 from ports in Burma were examined in Rangoon. These passengers embarked at Arakan ports on vessels which were on their way to Rangoon from Indian ports.

*Infectious Diseases.*—Seven cases of infectious diseases were reported by Commanders on 6 vessels, *viz.*, 2 cholera cases and 4 cases of chicken-pox and 1 case of scarlet fever. All the cases except the scarlet fever case which was allowed to proceed to his residence on the undertaking that proper preventive measures would be adopted, were sent to Contagious Diseases Hospital, Rangoon.

The following 17 unreported cases of infectious diseases were detected on 15 vessels by the Port Health Staff during the course of Medical Inspections. Seven cases of chicken-pox, 8 cases of measles, 1 case of mumps and 1 case of parotitis. All the cases except the parotitis case were sent to Contagious Diseases Hospital, Rangoon.



Two lepers were found during the inspection of passengers.

*Deaths from non-infectious Diseases.*—Fifteen such deaths were reported on eleven vessels.

*Vaccination Performed.*—The number of passengers examined under the Vaccination Act was 117,912. Of these 106,253 were found protected against small-pox and 11,659 were vaccinated. In addition, 84 vaccinations were performed among the number of ships' crew.

*Disinfection.*—Eighteen vessels and personnel effects of 528 crew and 853 passengers were disinfected by this department during the year.

*Riverine Vessels.*—The following deaths and cases were reported on riverine launches and cargo lighters during the year :—

Four deaths from non-infectious diseases. Two small-pox cases, 1 clinical cholera, 3 mumps cases and 1 gastritis case. All precautionary measures were taken by this department.

*Inspection of Out-going Seagoing Vessels.*—There were 305 vessels proceeding to ports beyond India or 186 more than the year 1946. The Asiatic and African members of crew totalling 13,995 in number, European crew totalling 4,242 in number, all passengers 3,855 in number were examined before the bills of health were issued. Besides these 7,798 passengers who left this port by ships to India were examined by this department and certificates of fitness to travel were issued from 1st January to 7th February 1947. This department started issuing Bills of Health to vessels bound for India with effect from 8th February 1947. Bills of Health were issued to 254 vessels to Indian ports during the year. Twenty-one thousand two hundred and fifty eight Asiatic and African members of crew, 3,697 European crew, 90,264 passenger who embarked these vessels for Indian ports and 3,480 passengers for Arakan ports were examined.

The following infectious diseases and non-infectious diseases were detected at the time of Medical Inspection before embarkation :—

Eight cases of chicken-pox, 2 cases of mumps, 15 fever cases, 5 cases of tuberculosis and 2 lepers.

Chicken-pox cases and mumps cases were sent to Contagious Diseases Hospital, Rangoon and Health Officer, Corporation, was informed of it. Nine fever cases and 2 tuberculosis cases were allowed to travel on ships' Surgeon's undertakings and the rest were rejected.

No case of plague is known to have developed amongst the crew and passengers of these vessels on their outward voyages.

New members of crew examined prior to signing on ships' articles totalled 1,271. Of these 1,268 were passed fit and 3 were rejected. Of 1,268 men passed 1,257 were vaccinated. Two crew were examined prior to signing off ships' articles and they were found unfit.

*Vessels in Harbour.*—The following deaths and cases were reported on 3 vessels in harbour during the year under review :—

One death from non-infectious disease, 1 case of measles and 1 case of mumps. Measles and mumps cases were sent to Contagious Diseases Hospital, Rangoon, and all necessary measures to combat the disease were taken by this department.

*Passengers by Seaplanes.*—Two thousand and fifty-six in-coming passengers by seaplanes were examined during the year at the time of disembarkation. Besides them 7,358 through passengers were also examined.

*Miscellaneous Transaction and Remarks—Port Office Personnel.*—Eighty-six lighthouse men were examined, out of which 85 were passed fit and vaccinated and one rejected.

*Fumigation.*—(a) Fumigation was done by sulphur trays as there was no fumigation apparatus. One vessel was granted Deratization Certificate after fumigation by means of sulphur trays. Eight hundred and seven lbs. of sulphur were burnt and a sum of Rs. 250 being fees for same was charged to the Agents. Eight rats were collected and destroyed after fumigation.

(b) Thirty-five vessels applied for Deratization Exemption Certificate. After necessary inspection and trapping 25 vessels were granted Deratization Exemption Certificates, 6 vessels were granted extension certificates and certificates were refused to 4 vessels which were found to be infected with rodents and which were asked to get fumigated at their next ports of call where fumigation apparatus would be in use. Fees totalling Rs. 1,935 on account of inspection and trapping carried out on these vessels were charged to the Agents.

No. of Vessels.	No. of Traps.	Rats Collected.	Rats Destroyed.	Rats Examined.	Rats found infected with plague.
35	2,916	50	50	...	...

Four launches belonging to Port Commissioners were fumigated by means of sulphur trays as the launches were infected with rodents. Non-infectious diseases detected and reported were :—

Non-infectious cases	...	...	...	132
Non-infectious deaths	...	...	...	20

*Inoculations against Cholera.*—One thousand one hundred and forty-four persons were inoculated against cholera during the year.

*Inoculation against Plague.*—Thirty-nine persons were inoculated against plague during the year.

*Inspection of Provision for Lascar Crew.*—During the year only 1 application was received from the Shipping Master for the inspection



of provision for the crew of S.S. *Empire Bul Bul*. After inspection samples of dhal and atta were taken from the ship and sent to Harcourt Butler Institute of Public Health, Rangoon, for analysis and report. As the samples were found unfit for human consumption the Shipping Master was asked to take necessary action.

*Port Commissioners Area—Sanitation.*—The sanitation of the foreshore area of the Port and King's Bank Colony was looked after by the Port Health Officer, Rangoon. The sanitation of the area on the whole was satisfactory.

The Port Health Officer was assisted by the following Sanitary Staff employed by Port Commissioners :—

1. Sanitary Inspectors	...	...	...	2
2. Assistant Sanitary Inspector	...	...	...	1
3. Sub-Sanitary Inspectors	...	...	...	2
4. Plumber	...	...	...	1
5. Sweeper Jamadars	...	...	...	2
6. Sweeper Maistries	...	...	...	8
7. Sweepers	...	...	...	126

*Ratting and Trapping.*—The total number of rats destroyed by trapping during the year was 12,778.

*Cymag fumigation of Rats' Burrows.*—Besides trapping cymag fumigation of rat burrows in the area was carried out. A total of 2,770 burrows were gassed and 9,793 connecting holes were blocked. The total number of rats destroyed and recovered by this method was 122.

*Smoking out of Rat Burrows.*—A total of 18,372 rat holes were smoked. The number of rats destroyed and recovered by this method was 751.

*Poisoning.*—Forty rats were collected by means of poisoned baits. Eleven rats were killed by beating while they were running. Out of 13,702 rats caught during the year 11,908 were sent for examination. The attached statement shows the species of rats examined. There was no plague infection amongst them except 1 doubtful case.

Extensive spraying of the Port Area by D.D.T. had to be discontinued as the price of D.D.T. in kerosene is considered to be prohibitive. Suspension of D.D.T. or Gammexane in water is being experimented and it is hoped that cheap and effective substitute would be available in the near future.

*Inspection of Meat and Food.*—Inspection of imported food is done by the Municipal Health Department. In case where the consignment is not taken delivery of for some time and when there is doubt regarding its fitness for human consumption the Port Health Officer is requested by the Commissioners for the Port of Rangoon to inspect and make recommendations regarding its disposal. A few such inspections were made by this department.

Two thousand six hundred and ninety Port Commissioners' staff were vaccinated against small-pox during the year.

*Establishment.*—Dr. J. A. Anklesaria, M.B.E., K.-I.-H., M.B.,B.S., D.P.H., D.T.M.&H., Port Health Officer, proceeded on leave preparatory to retirement on 12th March 1947 and I assumed charge of duties of the Port Health Officer on the same date.

Dr. U Maung U, M.B.,B.S., D.P.H., Assistant Port Health Officer joined this Department on 21st March 1947.

Dr. U Aung Than, Sub-Assistant Surgeon, was posted to this Department on 17th March 1947.

Dr. U Lwin, Sub-Assistant Surgeon, was transferred from this Department on 22nd May 1947.

Dr. U Po Myaing, Sub-Assistant Surgeon, who was posted to this Department on 7th July 1947 was transferred from here on 1st October 1947.

BA MAUNG, M.B., B.S., D.P.H., D.T.M.&H.,  
*Port Health Officer, Rangoon.*





TABLE NO. I.—*Details of In-coming Sea-going*

Months.			From Indian Ports.				
			No. of Vessels.	No. of Crew.	Number of Passengers.		
					Male.	Female.	Boys. Girls.
(1)			(2)	(3)	(4)	(5)	(6) (7)
1947.							
January	...	...	32	4,367	12,379	1,036	483 395
February	...	...	19	2,342	13,915	1,092	520 380
March	...	...	23	3,031	9,851	1,130	442 368
April	...	...	29	3,445	11,693	1,648	668 529
May	...	...	28	2,792	7,870	1,427	559 496
June	...	...	24	2,861	9,100	1,504	675 497
July	...	...	22	2,298	5,005	862	408 273
August	...	...	22	1,766	3,318	644	292 245
September	...	...	19	1,734	3,063	647	336 240
October	...	...	26	2,507	4,840	943	374 313
November	...	...	23	2,261	3,728	676	301 229
December	...	...	25	2,450	4,350	628	258 213
Total	...	...	292	31,854	89,112	12,237	5,316 4,178



*Vessels inspected during the year 1947.*

Total.	From Foreign Ports.							Total.	
	No. of Vessels	No. of Crew.	Number of Passengers.					No. of Vessels	No. of Crew.
			Male.	Female.	Boys.	Girls.	Total.		
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
14,293	48	1,816	38	20	12	2	72	80	6,183
15,907	25	1,489	45	30	14	16	105	44	3,831
11,791	27	1,935	99	89	25	24	237	50	4,966
14,538	27	2,019	142	113	44	45	344	56	5,464
10,352	23	1,956	159	131	61	45	396	51	4,748
11,776	24	2,319	1,245	704	383	212	2,544	48	5,180
6,548	27	2,476	208	176	63	47	494	49	4,774
4,499	23	2,262	1,035	651	257	184	2,127	45	4,028
4,286	11	844	94	57	32	16	199	30	2,578
6,470	20	1,729	89	76	21	20	206	46	4,236
4,934	14	891	18	8	...	...	26	37	3,152
5,449	16	996	164	87	38	30	319	41	3,446
110,843	285	20,732	3,336	2,142	950	641	7,069	577	52,586

TABLE NO. I.—*Details of In-coming Sea-going*

Months.			Continued, total number of passengers.					Total
			Male.	Female.	Boys.	Girls.	Total.	Crew.
			(18)	(19)	(20)	(21)	(22)	(23)
1947.								
January	...	...	12,417	1,056	495	397	14,365	6,183
February	...	...	13,960	1,122	534	396	16,012	3,831
March	...	...	9,950	1,219	467	392	12,028	4,966
April	...	...	11,835	1,761	712	574	14,882	5,464
May	...	...	8,029	1,558	620	541	10,748	4,748
June	...	...	10,345	2,208	1,058	709	14,320	5,180
July	...	...	5,213	1,038	471	320	7,042	4,774
August	...	...	4,353	1,295	549	429	6,626	4,028
September	...	...	3,157	704	368	256	4,485	2,578
October	...	...	4,929	1,019	395	333	6,676	4,236
November	...	...	3,746	684	301	229	4,960	3,152
December	...	...	4,514	715	296	243	5,768	3,446
Total	...	...	92,448	14,379	6,266	4,819	117,912	52,586



*Vessels inspected during the year 1947—contd.*

## Medical inspection and observation.

Inspected.	For Temperature.		For vaccination.				Disinfection.		
	Tested.	Sick.	Crew.				Vessels.	Effect of.	
			Found protected.	Vaccinated.	Found protected.	Vaccinated.		Crew.	Passengers.
(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
14,365	7	7	6,183	...	11,445	2,920	1	140	373
16,012	18	18	3,831	...	13,944	2,068	3	388	480
12,028	2	2	4,895	71	11,188	840	4	...	...
14,882	18	18	5,464	...	13,167	1,715	2	...	...
10,748	5	5	4,748	...	9,930	818	1	...	...
14,320	14	14	5,167	13	12,932	1,388	1	...	...
7,042	9	9	4,774	...	6,550	492	...	...	...
6,626	2	2	4,028	...	6,442	184	4	...	...
4,485	2	2	2,578	...	4,285	200	1	...	...
6,676	17	17	4,236	...	6,239	437	...	...	...
4,960	12	12	3,152	...	4,899	61	...	...	...
5,768	3	3	3,446	...	5,232	536	1	...	...
117,912	109	109	52,502	84	106,253	11,659	18	528	853

TABLE NO. II.—*Details of Out-going Sea-going*

Months.			Inspection.						
			No. of Vessels.	Asiatic Crew.	Deck Passengers.				
					Male.	Female.	Boys.	Girls.	Total.
(1)			(2)	(3)	(4)	(5)	(6)	(7)	(8)
TO INDIAN PORTS, 1947.									
January	...	...	...	...	...	...	...	...	...
February	...	...	15	1,635	8,246	1,104	493	388	10,231
March	...	...	20	1,558	8,637	1,358	705	487	11,187
April	...	...	24	2,235	9,314	1,497	654	488	11,953
May	...	...	32	2,709	9,854	1,495	687	477	12,513
June	...	...	26	2,519	7,274	866	377	247	8,764
July	...	...	24	1,969	3,101	195	95	69	3,460
August	...	...	21	1,506	2,841	136	60	32	3,069
September	...	...	19	1,638	4,300	473	104	110	4,987
October	...	...	24	1,823	6,220	592	263	212	7,287
November	...	...	27	2,069	5,096	561	244	271	6,172
December	...	...	22	1,597	5,907	722	374	304	7,307
Total	...	...	254	21,258	70,790	8,999	4,056	3,085	86,930



*Vessels inspected during the year 1947.*

tion.								Result of Inspection.			
European Crew. (9)	Saloon Passengers.					Passes. (15)	Baggage. (16)	Tested. (17)	Normal. (18)	Allowed at Com- manders' request. (19)	Cases detained. (20)
	Male. (10)	Female. (11)	Boys. (12)	Girls. (13)	Total. (14)						
...	...	...	...	...	...	...	...	...	...	...	...
236	144	32	37	32	245	...	...	...	...	...	...
366	258	55	26	44	383	...	...	2	...	...	2
420	273	72	18	24	387	...	...	2	...	...	2
434	189	55	8	9	261	...	...	3	...	...	2
343	365	75	31	23	494	...	...	3	...	3	...
240	124	24	4	7	159	...	...	5	...	4	1
312	121	38	8	7	174	...	...	2	...	2	...
225	174	42	19	12	247	...	...	2	...	...	2
462	211	78	31	36	356	...	...	...	...	...	...
317	178	88	26	28	320	...	...	..	...	...	...
342	176	84	15	33	308	...	...	4	...	...	5
3,697	2,213	643	223	255	3,334	...	...	23	...	9	14

TABLE NO. II.—*Details of Out-going Sea-going*

Months.			Disease.					Disposal		
			Leprosy.	Mumps.	T. B. Cases.	Chicken-pox.	Fever and other ailment.	Civil General Hospital.	Municipal Observation Hospital.	Contagious Diseases Hospital.
			(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
TO INDIAN PORTS, 1947.										
January	...	...	...	...	...	...	...	...	...	...
February	...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	2	...	...	...	2
April	...	...	...	...	...	1	2	...	...	1
May	...	...	...	...	...	2	1	...	...	2
June	...	...	...	...	...	...	3	...	...	...
July	...	...	1	1	...	...	4	...	...	1
August	...	...	...	...	2	...	...	...	...	...
September	...	...	...	...	2	...	...	...	...	...
October	...	...	...	...	...	...	...	...	...	...
November	...	...	1	...	1	...	...	...	...	...
December	...	...	...	...	...	1	4	...	...	1
Total	...	...	2	1	5	6	14	...	...	7



*Vessels inspected during the year 1947—concl'd.*

of sick.		Disinfection.				Fumigation by means of Sulphur trays at agent's request.				Vaccination.	
Passengers residence. (29)	Allowed to travel. (30)	Asiatic Crew Deck Passen- gers. (31)	Boots and Shoes. (32)	Baggage Coolies. (33)	Boxes. (34)	Vessels. (35)	Sulphur consumed. (36)	Time spent. (37)	Amount realised and fees. (38)	Crew. (39)	Passengers. (40)
							lb.		Rs.		
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	8
...	1	...	...	...	...	...	...	...	...	...	26
...	3	...	...	...	...	...	...	...	...	...	43
1	4	...	...	...	...	...	...	...	...	...	18
...	2	...	...	...	...	1	807	...	250	...	35
2	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...
11	10	...	...	...	...	1	807	...	250	...	130

TABLE NO. III.—*Statement showing the Infectious and other Diseases reported*

Diseases.			Sea-going.				Riverine.		Imports.	
			No. of Vessels.	Cases.			No. of Vessels.	Cases.	No. of Vessels.	Cases.
				Total.	Reported.	Detected.				
(1)			(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Small-pox	...	...	...	...	...	...	1	2	...	...
Cholera	...	...	1	2	2	...	1	1	...	...
Chicken-pox	...	...	11	11	4	7	...	...	...	...
Measles	...	...	6	8	...	8	...	...	1	1
Mumps	...	...	1	1	...	1	3	3	1	1
Leper	...	...	1	2	...	2	...	...	...	...
Pneumonia	...	...	2	4	4	...	...	...	...	..
Bronchitis	...	...	1	1	1	...	...	...	...	...
Ordinary deaths	...	...	3	4	4	...	4	4	1	1
Ordinary illness	...	...	43	104	8	96	...	...	...	...
Diseases of T.B. Lungs	...	...	1	1	1	...	...	...	...	...
Gastritis	...	...	...	...	...	...	1	1	...	...
Heart failure	...	...	4	5	5	...	...	...	...	...
Parotitis	...	...	1	1	...	1	...	...	...	...
T.B. Diarrhoea	...	...	1	1	1	...	...	...	...	...
Scarlet fever	...	...	1	1	1	...	...	...	...	...
Labour Pneumonia	...	...	1	1	...	1	...	...	...	...
Recket fever	...	...	1	1	1	...	...	...	...	...
Total	...	...	79	148	32	116	10	11	3	3



and detected on In-coming Sea-going and Riverine Vessels during the year 1947.

Disposal of cases.										Corpses.				
Hospitals.					Residence.	Left on board.	Left at other Ports.	Other Hospitals.	Total.	Buried at sea.	Rangoon Mortuary.	Buried by relatives.	Total.	Remarks.
Contagious Diseases.	Observation.	Rangoon General Hospital.	Military.	Leper.										
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
2	...	...	...	...	...	...	...	...	2	...	...	...	...	...
3	...	...	...	...	...	...	...	...	3	...	...	...	...	...
11	...	...	...	...	...	...	...	...	11	...	...	...	...	...
9	...	...	...	...	...	...	...	...	9	...	...	...	...	...
5	...	...	...	...	...	...	...	...	5	...	...	...	...	...
...	...	...	...	...	2	...	...	...	2	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	4	...	...	4	...
...	...	...	...	...	1	...	...	...	1	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	4	4	1	9	...
1	...	2	...	...	97	4	...	...	104	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	...	...	1	...
1	...	...	...	...	...	...	...	...	1	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	5	...	...	5	...
...	...	...	...	...	1	...	...	...	1	...	...	...	...	...
1	...	...	...	...	...	...	...	...	1	...	...	...	...	...
...	...	...	...	...	1	...	...	...	1	...	...	...	...	...
...	...	...	...	...	1	...	...	...	1	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	...	...	1	...
33	...	2	...	...	103	4	...	...	142	15	4	1	20	...

TABLE NO. II.—*Details of out-going sea-going*

Months.			Inspection					
			No. of vessels.	Asiatic Crew.	Deck passengers.			
					Male.	Female.	Boys.	Girls.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1947, TO PORTS BEYOND INDIA.								
January ... ..	31	1,182	65	24	18	15	122	
February ... ..	25	397	...	...	...	...	...	
March ... ..	43	1,986	256	61	119	85	521	
April ... ..	54	1,407	42	18	5	5	70	
May ... ..	21	1,280	279	78	68	18	443	
June ... ..	21	1,454	140	47	51	26	264	
July ... ..	19	1,120	51	8	7	3	69	
August ... ..	16	1,096	3	2	1	...	6	
September ... ..	16	1,041	77	26	16	5	124	
October ... ..	22	1,381	88	58	65	33	244	
November ... ..	14	615	3	...	...	...	3	
December ... ..	23	1,036	298	74	67	39	478	
Total ... ..	305	13,995	1,302	396	417	229	2,344	



vessels inspected during the year 1947.

tion.								Result of Inspection.			
European crew.	Saloon passengers.					Passes to relations and friends.	Baggage coolies.	Temperature.			Cases detained.
	Male.	Female.	Boys.	Girls	Total.			Tested.	Normal.	Allowed on undertaking or at commanders' request.	
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
387	25	12	4	1	42	...	...	1	...	...	1
130	...	...	...	...	...	...	...	...	...	...	...
771	101	60	12	15	188	...	...	...	...	...	...
486	21	17	9	8	55	...	...	...	...	...	...
303	107	67	15	10	199	...	...	...	...	...	...
475	114	58	13	10	195	...	...	...	...	...	...
264	53	33	7	5	98	...	...	...	...	...	...
255	50	33	7	8	98	...	...	...	...	...	...
207	87	47	7	1	142	...	...	2	...	1	1
325	99	69	14	12	194	...	...	...	...	...	...
332	71	51	15	10	147	...	...	...	...	...	...
307	60	59	19	15	153	...	...	...	...	..	1
4,242	788	506	122	95	1,511	...	...	3	...	1	3

TABLE II.—*Details of out-going vessels*

Months.			Diseases.				Disposal of Sick.				
			Mumps.	Small-pox.	Chicken-pox.	Fever and other ailment	Civil General Hospital.	Municipal Observation Hospital.	Contagious Diseases Hospital.	Passengers' residence.	Allowed to travel on ship's Surgeon undertaking.
(1)			(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
To Ports beyond India (1947).											
January	...	...	...	...	1	...	...	...	1	...	...
February	...	...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...
August	...	...	...	...	...	...	...	...	...	...	...
September	...	...	1	...	...	1	...	...	1	...	1
October	...	...	...	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...	...	...	...
December	...	...	...	...	1	...	...	...	1	...	...
Total	...	...	1	...	2	1	...	...	3	...	1





*Statement showing the flying boats passengers inspected by the*

Months			Flying Boats.		Passengers disembarked at Rangoon									
			E.	W.	from Indian Ports.					from Foreign Ports.				
					M.	F.	B.	G.	Total.	M.	F.	B.	G.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)		
January	...	...	21	21	69	7	...	...	76	124	12	...	1	137
February	...	...	18	18	60	2	...	...	62	78	2	...	...	80
March	...	...	19	19	46	7	1	...	54	70	4	...	...	74
April	...	...	18	17	67	9	...	...	76	69	1	...	...	70
May	...	...	20	19	57	16	...	1	74	65	5	...	...	70
June	...	...	22	23	103	9	...	...	112	58	11	1	...	70
July	...	...	26	26	64	11	...	2	77	83	17	1	2	103
August	...	...	26	25	48	5	...	1	54	80	11	...	2	93
September	...	...	26	25	46	8	1	...	55	104	10	1	...	115
October	...	...	26	29	62	3	...	...	65	161	19	1	2	183
November	...	...	28	25	40	7	...	1	48	99	31	2	3	135
December	..	...	27	27	20	5	...	1	26	127	19	1	...	147
Total	...	...	227	274	682	89	2	6	779	1,118	142	7	10	1,277



*Port Health Department, Rangoon, during the year 1947.*

Through Passengers					Total number of Passengers					Action taken.
examined.					examined.					
M.	F.	B.	G.	Total.	M.	F.	B.	G.	Total.	
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
461	140	...	5	606	654	159	...	6	819	
390	118	...	1	511	530	122	...	1	653	
425	169	5	4	603	541	180	6	4	731	
376	116	2	4	498	512	126	2	4	644	
407	182	1	6	596	529	203	1	7	740	
422	153	1	2	578	583	173	2	2	760	
418	174	5	4	601	565	202	6	8	781	
548	153	6	6	713	676	169	6	9	860	
480	152	6	10	658	630	180	8	10	828	
477	166	5	2	650	700	188	6	4	898	
502	150	...	1	653	641	188	2	5	836	
481	198	4	8	691	628	222	5	9	864	
5,389	1,881	35	53	7,358	7,189	2,112	44	69	9,414	

## Statement showing the number of rats caught and the number

Months.			Number of rats caught and destroyed.	Number of rats examined.	Of the total	
					Nesokia Bengalensis.	R. Norvigicus.
(1)			(2)	(3)	(4)	(5)
January	...	...	849	739	472	...
February	...	...	923	606	365	...
March	...	...	1,046	974	711	...
April	...	...	1,318	921	769	4
May	...	...	1,260	990	772	1
June	...	...	1,252	976	659	8
July	...	...	1,372	1,333	1,010	6
August	...	...	1,573	1,528	1,158	55
September	...	...	1,222	1,114	783	38
October	...	...	1,082	975	714	35
November	...	...	983	956	725	34
December	...	...	822	796	648	13
Total for the year 1947			13,702	11,908	8,786	194



*examined for B. Pestis in the Port of Rangoon during the year 1947.*

examined.					
Rattus Rattus.	Mus Con- color.	Mus Musc.	C. Coe- rulia.	Number found positive for B. Pestis.	Remarks as to the number of rat traps laid, the number caught, nature of baits used, etc.
(6)	(7)	(8)	(9)	(10)	(11)
79	49	...	139	Nil	83,189 traps set during the year.
65	52	...	124	1 (doubtful).	Baits used— Cheese : 7 months. (April to October 1947).
70	91	...	102	Nil	Bread : 5 months. (January, February, March November and December).
29	25	...	94	Nil	Trapping ... 12,778
44	24	...	139	Nil	Smoking ... 751
58	32	...	219	Nil	C. Fumigation ... 122
43	75	...	199	Nil	P. Baits ... 40
75	85	...	155	Nil	Beaten ... 11
121	90	...	82	Nil	Total ... <u>13,702</u>
102	54	...	70	Nil	
77	73	13	34	Nil	
47	27	15	46	Nil	
810	687	28	1,403	1 (doubtful).	

ANNUAL STATEMENT NO. I.—Deaths registered according to Ages and Sexes in the

1	2	3		4		5		6		7	
No.	Divisions and Towns.	Under 1 year.		1 year and under 5.		5 and under 10.		10 and under 15.		15 and under 20.	
		Males.	Females	Males.	Females	Males.	Females	Males.	Females	Males.	Females.
	ARAKAN DIVISION.										
1	Akyab ...	9	5	1	2	1	3	1	1	2	4
	PEGU DIVISION.										
2	Rangoon ...	2,400	1,979	860	897	275	254	119	98	147	154
3	Pegu ...	112	83	37	32	12	16	12	9	17	11
4	Letpadan ...	44	29	15	9	4	7	3	3	8	5
5	Syriam ..	66	54	23	10	10	7	5	5	4	11
6	Insein ...	83	91	40	53	12	20	9	10	12	13
7	Prome ...	57	37	36	34	7	12	11	4	11	11
8	Paungdè ...	28	19	14	18	10	8	1	3	4	4
	IRRAWADDY DIVISION.										
9	Bassein ...	348	277	78	74	43	51	21	15	18	19
10	Henzada ...	198	196	54	70	27	17	5	9	16	15
11	Pyapôn ...	27	24	17	12	7	7	7	11	15	7
12	Kyaiklat ...	68	81	35	59	25	19	7	8	14	10
	TENASSERIM DIVISION.										
13	Thatôn ...	89	77	60	60	21	26	11	9	7	8
14	Moulmein ...	267	211	177	167	57	84	35	21	16	30
15	Tavoy ...	20	11	27	34	21	24	17	12	12	5
16	Mergui ...	170	143	37	56	23	18	6	8	12	7
17	Toungoo ...	34	26	23	20	15	7	5	6	10	6
	MAGWE DIVISION.										
18	Allanniyo ...	50	34	33	30	11	25	5	6	4	6
19	Yenangyaung ...	81	89	35	35	15	7	8	9	9	16
20	Chauk ...	49	30	27	32	12	17	4	5	2	6
21	Pakôkku ...	183	174	74	85	25	29	16	14	15	22
	MANDALAY DIVISION.										
22	Mandalay ...	1,041	873	248	238	71	81	61	61	73	61
23	Maymyo ...	87	70	39	26	6	11	3	7	7	11
24	Myingyan ...	152	150	65	67	9	16	9	11	11	8
25	Pyinmana ...	125	106	29	31	22	16	7	17	13	11
	SAGAING DIVISION.										
26	Shwebo ...	40	42	5	9	10	9	10	11	11	11
27	Sagaing ...	78	68	20	22	14	6	11	3	1	7
28	Mônýwa ...	73	67	43	29	14	10	8	10	8	13
	Total of Towns, Burma.	5,979	5,046	2,152	2,210	779	807	417	386	479	492
	Total, Population	10,332	10,564	40,261	40,785	51,779	48,179	54,045	46,734	72,223	46,696
	Ratio per 1,000 living.	578·69	477·65	53·45	54·43	15·04	16·75	7·71	8·26	6·63	10·54



Towns of Burma having a population of 10,000 and above, during the year 1947.

8		9		10		11		12		13		1
20 and under 30.		30 and under 40.		40 and under 50.		50 and under 60.		60 and upwards.		Total (all ages).		No.
Males	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
15	17	12	10	26	7	17	3	16	12	100	64	1
638	531	863	505	864	408	682	333	956	694	7,804	5,853	2
72	45	64	47	75	28	54	27	75	52	530	350	3
15	8	19	11	16	11	12	9	18	17	154	109	4
27	27	24	19	27	14	27	11	22	27	235	185	5
32	21	45	25	40	22	22	10	41	28	336	293	6
44	24	30	30	47	21	21	20	31	35	295	228	7
21	15	29	23	36	22	18	14	35	42	196	168	8
49	77	59	83	113	59	77	37	134	97	940	789	9
34	38	45	33	30	20	36	29	69	79	514	506	10
28	8	28	14	27	8	18	12	42	30	216	133	11
34	27	34	21	36	28	24	26	52	27	329	306	12
27	39	37	31	44	26	23	22	67	48	386	346	13
127	124	140	107	107	71	91	57	159	121	1,176	993	14
33	30	48	45	57	40	37	33	68	76	340	310	15
28	30	39	33	44	23	30	15	49	34	438	366	16
25	15	38	18	37	20	24	12	33	33	244	163	17
18	23	13	11	14	12	11	10	28	27	187	184	18
31	18	37	21	33	18	29	12	37	30	315	255	19
14	21	14	18	15	12	13	7	17	21	167	169	20
36	34	51	33	45	32	34	22	37	51	516	496	21
212	154	183	138	168	132	151	105	229	276	2,437	2,119	22
35	21	38	23	18	14	27	13	32	22	292	218	23
46	20	47	25	44	18	33	21	32	41	448	377	24
34	35	36	33	28	28	24	21	31	35	349	333	25
12	15	15	16	14	16	16	15	7	8	140	152	26
21	7	29	14	25	13	26	14	33	26	258	180	27
22	25	16	27	25	14	17	12	29	32	255	239	28
1,730	1,449	2,033	1,414	2,055	1,137	1,594	922	2,379	2,021	19,597	15,884	
179,693	89,590	136,649	63,597	73,440	41,275	34,964	26,482	21,177	21,581	674,563	435,413	
9.62	16.17	14.88	22.26	27.95	27.55	45.59	34.82	109.24	93.65	29.05	36.48	

SUPPLEMENTARY ANNUAL STATEMENT NO. IA.—*Giving the Details of  
of 10,000 and above*

Serial No.	Divisions and Towns.	Not exceeding one month.						
		Male.			Female.			Total of Columns 5 and 8.
		Under one week.	Over one week.	Total.	Under one week.	Over one week.	Total.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ARAKAN DIVISION.							
1	Akyab ... ..	2	1	3	2	...	2	5
	PEGU DIVISION.							
2	Rangoon ... ..	645	378	1,023	469	319	788	1,811
3	Pegu ... ..	24	8	32	12	9	21	53
4	Letpadan ... ..	5	8	13	5	4	9	22
5	Syriam ... ..	16	9	25	17	6	23	48
6	Insein ... ..	19	10	29	24	7	31	60
7	Prome ... ..	9	...	9	8	2	10	19
8	Paungdè ... ..	...	3	3	...	...	...	3
	IRRAWADDY DIVISION.							
9	Bassein ... ..	76	26	102	63	23	86	188
10	Henzada ... ..	42	13	55	37	8	45	100
11	Pyapôn ... ..	1	2	3	1	...	1	4
12	Kyaiklat ... ..	18	6	24	19	9	28	52
	TENASSERIM DIVISION.							
13	Thatôn ... ..	17	9	26	14	6	20	46
14	Moulmein ... ..	76	32	108	60	34	94	202
15	Tavoy ... ..	...	...	...	...	1	1	1
16	Mergui ... ..	19	34	53	14	26	40	93
17	Toungoo ... ..	5	1	6	4	4	8	14
	MAGWE DIVISION.							
18	Allanmyo ... ..	5	4	9	4	2	6	15
19	Yenangyaung ... ..	14	7	21	12	6	18	39
20	Chauk ... ..	2	4	6	2	...	2	8
21	Pakôkku ... ..	32	17	49	26	18	44	93
	MANDALAY DIVISION.							
22	Mandalay ... ..	355	127	482	250	114	364	846
23	Maymyo ... ..	12	12	24	27	10	37	61
24	Myingyan ... ..	29	12	41	30	10	40	81
25	Pyinmana ... ..	22	9	31	23	3	26	57
	SAGAING DIVISION.							
26	Shwebo ... ..	10	9	19	8	11	19	38
27	Sagaing ... ..	14	7	21	11	4	15	36
28	Mônýwa ... ..	14	5	19	17	3	20	39
	Total of Towns, Burma...	1,483	753	2,236	1,159	639	1,798	4,034
	Ratio per mille of births for last 3 columns only.							



Deaths by Ages and Sexes under one year in the Towns having a population during the year 1947.

Over one month and not exceeding six months.			Over six months and not exceeding twelve months.			Total Male, columns 5 10 and 13.	Total Female, columns 8, 11 and 14.	Total.	No.
Male.	Female.	Total.	Male.	Female.	Total.				
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(1)
6	1	7	...	2	2	9	5	14	1
1,044	876	1,920	333	315	648	2,400	1,979	4,379	2
63	50	113	17	12	29	112	83	195	3
20	12	32	11	8	19	44	29	73	4
30	23	53	11	8	19	66	54	120	5
38	36	74	16	24	40	83	91	174	6
30	15	45	18	12	30	57	37	94	7
14	12	26	11	7	18	28	19	47	8
200	157	357	46	34	80	348	277	625	9
107	110	217	36	41	77	198	196	394	10
22	15	37	2	8	10	27	24	51	11
34	34	68	10	19	29	68	81	149	12
49	40	89	14	17	31	89	77	166	13
110	70	180	49	47	96	267	211	478	14
13	5	18	7	5	12	20	11	31	15
99	82	181	18	21	39	170	143	313	16
22	9	31	6	9	15	34	26	60	17
29	20	49	12	8	20	50	34	84	18
42	54	96	18	17	35	81	89	170	19
19	17	36	24	11	35	49	30	79	20
84	79	163	50	51	101	183	174	357	21
421	357	778	138	152	290	1,041	873	1,914	22
47	17	64	16	16	32	87	70	157	23
70	70	140	41	40	81	152	150	302	24
71	72	143	23	8	31	125	106	231	25
9	9	18	12	14	26	40	42	82	26
48	45	93	9	8	17	78	68	146	27
44	32	76	10	15	25	73	67	140	28
2,785	2,319	5,104	958	929	1,887	5,979	5,046	11,025	
						316.88	285.22	301.48	

ANNUAL STATEMENT NO. II-A.—*Births and Deaths registered from*

1	2	3	4				5	6	7	8	9	10		
No.	Divisions and Towns.	Population (Census 1931).	Births.			Birth rate.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory Diseases.	Suicide.	
			Male.	Female.	Total.								Male.	Female.
ARAKAN DIVISION.														
1	Akyab ...	38,094	172	162	334	8.77	...	...	...	19	11	43	...	...
2	Kyaukpyu ...	4,232	93	92	185	43.71	...	...	...	18	5	12	...	...
3	Sandoway ...	4,070	72	64	136	33.42	...	...	...	11	2	10	...	...
PEGU DIVISION.														
4	Rangoon ...	398,967	7,130	6,820	13,950	34.96	4	626	12	578	564	3,457	7	2
5	Pegu ...	21,626	382	329	711	32.88	...	9	...	100	14	63	...	...
6	Nyaunglebin ...	7,790	166	143	309	39.67	5	...	...	21	5	13	...	...
7	Tharrawaddy ...	7,131	124	100	224	31.41	...	...	2	16	6	13	...	...
8	Thônzè ...	7,962	154	141	295	37.05	...	...	5	27	7	26	...	...
9	Zigôn ...	6,365	121	111	232	36.45	...	...	...	30	9	31	1	1
10	Letpadan ...	12,160	131	152	283	31.50	...	8	2	40	21	20	...	...
11	Gyobingauk ...	7,675	120	102	222	23.93	...	3	...	51	7	15	...	...
12	Minhla ...	4,413	85	78	163	36.94	...	...	7	16	5	7	...	...
13	Nattalin ...	5,633	78	68	146	25.92	...	1	8	11	1	14	...	...
14	Syriam ...	15,070	360	367	727	48.24	...	4	...	45	20	69	...	...
15	Thônghwa ...	8,976	115	115	230	25.62	...	...	3	20	20	61	...	...
16	Insein ...	20,487	323	301	624	30.46	...	6	...	99	67	94	...	...
17	Thamaing ...	5,645	99	78	177	31.36	...	2	...	55	...	5	...	...
18	Kamayut ...	7,256	192	163	355	48.92	...	2	...	137	7	15	...	...
19	Thingangyun ...	7,984	135	121	256	32.06	...	1	...	83	1	6	...	...
20	Kanbe ...	6,575	157	138	295	44.87	...	2	...	103	2	3	1	...
21	Prome ...	28,295	245	206	451	15.94	...	7	3	120	10	35	...	...
22	Shwedaung ...	8,408	88	68	156	18.55	1	1	4	60	5	15	...	...
23	Paungdè ...	13,479	133	118	251	18.62	1	9	5	87	6	80	1	...
24	Toungoo ...	23,223	252	292	544	23.43	7	...	...	57	16	59	...	...
25	Shwegyin ...	5,876	76	82	158	26.89	...	...	...	42	10	10	...	...
26	Pyu ...	7,807	214	221	435	55.72	...	...	1	53	8	40	...	...
IRRAWADDY DIVISION.														
27	Bassein ...	45,662	1,003	945	1,948	42.66	...	...	2	182	131	332	...	...
28	Ngathainggyaung ...	5,380	120	134	254	47.21	...	...	...	52	6	12	1	...
29	Kyônpyaw ...	5,866	122	117	239	40.74	...	...	...	52	4	16	...	...
30	Henzada ...	28,542	462	469	931	32.62	...	2	1	131	25	139	...	...
31	Myanaung ...	9,072	137	93	230	25.35	...	...	24	40	5	47	1	...
32	Kyangin ...	6,780	76	51	127	18.73	...	...	18	23	1	16	...	...
33	Myaungmya ...	7,933	237	223	460	57.99	...	5	7	79	20	73	...	...
34	Wakèma ...	9,359	123	112	235	25.11	...	...	14	190	10	23	2	...
35	Moulmeingyun ...	7,747	183	152	335	43.24	...	3	3	157	23	47	...	...
36	Maubin ...	8,897	226	205	431	48.44	...	...	...	164	5	13	...	...
37	Yandoon ...	9,925	130	131	261	26.30	...	...	1	25	11	67	1	1
38	Danubyu ...	6,334	150	154	304	47.99	...	...	21	86	19	21	3	...
39	Pyapôn ...	12,338	225	196	421	34.12	2	...	1	40	21	36	1	1
40	Kyaiklat ...	10,658	200	196	396	37.16	...	34	10	174	31	73	...	...
TENASSERIM DIVISION.														
41	Thatôn ...	16,851	442	382	824	48.90	...	14	6	212	11	80	1	...
42	Kyaikto ...	6,611	112	81	193	29.19	1	...	...	52	6	10	...	...
43	Moulmein ...	65,506	1,028	922	1,950	29.77	50	12	...	202	113	459	...	...



different causes in the Towns of Burma during the year 1947.

11					12	13	14											1
Injuries.					All other causes.	Total deaths from all causes.	Ratio of Deaths per 1,000 population.											No.
Wounding or accident.	Snake-bite.	Killed by wild beasts	Rabies.	Total.			Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.			
															For the year.	Mean of previous five years.		
7	...	...	1	8	83	164	...	...	...	0·50	0·29	1·13	0·21	2·18	4·31	...	1	
9	...	...	...	9	51	95	...	...	...	4·25	1·18	2·84	2·13	12·05	22·45	...	2	
6	...	...	1	7	31	61	...	...	...	2·70	0·49	2·46	1·72	7·62	14·99	...	3	
414	6	...	5	434	7,982	13,657	0·01	1·57	0·03	1·45	1·41	8·66	1·09	20·01	34·23	...	4	
134	...	...	2	136	558	880	...	0·42	...	4·62	0·65	2·91	6·29	25·80	40·69	...	5	
61	...	...	...	61	154	259	0·64	...	...	2·70	0·64	1·67	7·83	19·77	33·25	...	6	
10	...	...	...	10	109	156	...	...	0·28	2·24	0·84	1·82	1·40	15·29	21·88	...	7	
4	...	...	...	4	99	168	...	...	0·63	3·39	0·88	3·27	0·50	12·43	21·10	...	8	
5	2	...	...	9	110	189	...	...	...	4·71	1·41	4·87	1·41	17·28	29·69	...	9	
30	2	...	...	32	140	263	...	0·66	0·16	3·29	1·73	1·64	2·63	11·51	21·63	...	10	
13	6	...	...	19	159	254	...	0·39	...	6·64	0·91	1·95	2·48	20·72	33·09	...	11	
2	1	...	...	3	44	82	...	...	1·59	3·63	1·13	1·59	0·68	9·97	18·58	...	12	
2	1	...	...	3	57	95	...	0·18	1·42	1·95	0·18	2·49	0·53	10·12	16·86	...	13	
26	1	...	...	27	255	420	...	0·27	...	2·99	1·33	4·58	1·79	16·92	27·87	...	14	
4	...	...	...	4	84	192	...	...	0·33	2·23	2·23	6·80	0·45	9·36	21·39	...	15	
22	...	...	...	22	341	628	...	0·29	...	4·83	3·27	4·59	1·07	16·64	30·70	...	16	
1	...	...	...	1	200	236	...	0·35	...	9·74	...	0·86	0·18	35·43	46·59	...	17	
3	1	...	...	4	340	505	...	0·28	...	18·88	0·96	2·07	0·55	46·86	69·60	...	18	
3	3	...	...	6	338	435	...	0·13	...	10·40	0·13	0·75	0·75	42·33	54·48	...	19	
3	...	...	...	4	246	360	...	0·30	...	15·67	0·30	0·46	0·61	37·41	54·75	...	20	
40	...	...	1	41	307	523	...	0·25	0·11	4·24	0·35	1·24	1·45	10·85	18·48	...	21	
4	...	...	...	4	68	158	0·12	0·12	0·48	7·14	0·59	1·78	0·48	8·09	18·79	...	22	
27	2	...	...	30	146	364	0·07	0·67	0·37	6·45	0·45	5·94	2·23	10·83	27·00	...	23	
30	1	...	...	31	237	407	0·30	...	...	2·45	0·69	2·54	1·33	10·21	17·53	...	24	
5	...	...	...	5	38	105	...	...	...	7·15	1·70	1·70	0·85	6·47	17·87	...	25	
51	1	...	...	52	124	278	...	...	0·13	6·79	1·02	5·12	6·66	15·88	35·61	...	26	
26	...	...	...	26	1,056	1,729	...	...	0·04	3·99	2·87	7·27	0·57	23·13	37·87	...	27	
29	1	...	1	32	144	246	...	...	...	9·67	1·12	2·23	5·95	26·77	45·72	...	28	
3	...	...	...	3	101	176	...	...	...	8·86	0·68	2·73	0·51	17·22	30·00	...	29	
9	1	...	1	11	711	1,020	...	0·07	0·04	4·59	0·88	4·87	0·39	24·91	35·74	...	30	
15	...	...	...	16	97	229	...	...	2·65	4·41	0·55	5·18	1·76	10·69	25·24	...	31	
4	...	...	...	4	51	113	...	...	2·65	3·39	0·15	2·36	0·59	7·52	16·67	...	32	
7	...	...	...	7	295	486	...	0·63	0·88	9·96	2·52	9·20	0·88	37·19	61·26	...	33	
34	...	...	...	36	182	455	...	...	1·50	20·30	1·07	2·46	3·85	19·45	48·62	...	34	
44	...	...	...	44	304	581	...	0·39	0·39	20·27	2·97	6·07	5·68	39·24	75·00	...	35	
25	...	...	...	25	175	382	...	...	...	18·43	0·56	1·46	2·81	19·67	42·94	...	36	
29	...	...	...	31	243	378	...	...	0·10	2·52	1·11	6·75	3·12	24·48	38·09	...	37	
3	...	...	1	7	155	309	...	...	3·32	13·58	3·00	3·32	1·11	24·47	48·78	...	38	
49	3	...	...	54	195	349	0·16	...	0·08	3·24	1·70	2·92	4·38	15·80	28·29	...	39	
53	1	...	...	54	259	635	...	3·19	0·94	16·33	2·91	6·85	5·07	24·30	59·58	...	40	
24	...	...	...	25	384	732	...	0·83	0·36	12·58	0·65	4·75	1·48	22·79	43·44	...	41	
7	1	...	1	9	191	269	0·15	...	...	7·87	0·91	1·51	1·36	28·89	40·69	...	42	
63	2	...	...	65	1,268	2,169	0·76	0·18	...	3·08	1·73	7·01	0·99	19·36	33·11	...	43	

ANNUAL STATEMENT NO. II-A.—*Births and Deaths registered from*

1	2	3	4				5	6	7	8	9	10			
No.	Divisions and Towns.	Population (Census 1931).	Births.			Birth rate.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory Diseases.	Suicide.		
			Male.	Female.	Total.								Male.	Female.	
TENASSERIM DIVISION. —concl'd.															
44	Kawkareik ...	6,575	175	160	335	50·95	...	...	...	73	4	2	...	2	
45	Tavoy ...	29,018	390	325	715	24·64	...	...	...	371	16	32	2	...	
46	Mergui ...	20,405	327	294	621	30·43	...	...	...	251	10	41	1	...	
MAGWE DIVISION.															
47	Thayetmyo ...	9,279	144	117	261	28·13	...	191	3	70	3	14	...	...	
48	Allanmyo ...	12,511	238	194	432	34·53	...	25	5	35	32	83	...	...	
49	Minbu ...	6,005	119	108	227	37·80	...	...	...	29	5	6	...	...	
50	Salin ...	6,654	86	91	177	26·60	...	...	13	50	14	27	...	1	
51	Magwe ...	8,209	114	107	221	26·92	...	...	4	29	9	15	...	...	
52	Taungdwingyi ...	8,339	216	197	413	49·53	...	...	5	85	14	103	...	...	
53	Yèangyaung ...	11,098	191	236	427	38·48	...	6	16	61	31	71	...	...	
54	Chauk ...	12,830	58	64	122	9·51	...	1	2	101	13	10	...	...	
55	Pakôkku ...	23,115	383	326	709	30·67	...	...	20	222	54	111	1	...	
MANDALAY DIVISION.															
56	Mandalay ...	134,950	3,152	2,822	5,974	44·27	...	16	21	692	155	741	5	2	
57	Maymyo ...	16,586	429	376	805	48·53	...	...	1	57	35	130	...	...	
58	Myitnge ...	5,682	52	38	90	15·84	...	...	...	12	...	7	...	...	
59	Kyauksè ...	7,353	69	63	132	17·95	...	1	19	53	...	3	...	...	
60	Meiktila ...	8,830	88	83	171	19·37	...	...	...	25	5	64	...	...	
61	Myingyan ...	25,457	348	355	703	27·62	...	...	4	37	29	219	...	1	
62	Nyaung-U ...	8,118	51	46	97	11·95	...	...	18	30	6	21	...	...	
63	Yamèthin ...	9,291	94	94	188	20·23	...	...	28	16	...	26	...	...	
64	Pyinmana ...	17,656	275	260	535	30·30	...	17	29	82	19	60	...	...	
65	Pyawbwè ...	5,783	110	102	212	36·66	...	...	1	17	...	5	...	...	
SAGAING DIVISION.															
66	Shwebo ...	11,286	198	219	417	36·95	...	...	18	54	2	5	...	...	
67	Ye-U ...	3,739	73	66	139	37·18	...	...	9	34	4	4	...	...	
68	Sagaing ...	14,127	177	148	325	23·01	...	...	10	43	13	83	1	...	
69	Myinmu ...	5,072	95	103	198	39·04	...	...	10	15	7	13	1	...	
70	Mônnya ...	10,800	214	215	429	39·72	...	...	17	87	18	61	...	...	
Total ...		1,387,428	24,059	22,404	46,463	33·49	71	1,008	413	6,391	1,769	7,635	31	11	
TOWNS WHICH ARE NOT INCLUDED IN THE MAIN STATEMENT ABOVE.															
1	Bhamo ...	8,011	97	98	195	24·34	...	...	3	25	7	30	...	...	
2	Myitkyina ...	7,328	97	104	201	27·43	...	...	...	52	14	35	...	...	
3	Mawlaik ...	2,278	38	26	64	28·09	...	...	...	23	3	11	...	...	
4	Lashio ...	4,638	113	98	211	45·49	...	...	3	71	6	32	...	...	
5	Taunggyi ...	8,652	278	300	578	66·81	...	...	7	79	15	94	...	...	
6	Kalaw ...	3,621	78	81	159	43·91	...	...	1	4	3	3	...	...	



different causes in the Towns of Burma during the year 1947—concl'd.

11					12	13	14											1
Injuries.					All other causes.	Total deaths from all causes.	Ratio of Deaths per 1,000 population.											No.
Wounding or accident.	Snake-bite.	Killed by wild beasts.	Rabies.	Total.			Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes.			
															For the year.	Mean of previous five years.		
3	...	...	...	5	159	243	...	..	...	11.10	0.61	0.30	0.76	24.18	36.96	...	44	
9	...	...	...	11	220	650	...	...	...	12.79	0.55	1.10	0.38	7.58	22.40	...	45	
45	...	...	1	47	455	804	...	...	...	12.30	0.49	2.01	2.30	22.30	39.40	...	46	
10	1	...	...	11	288	580	...	20.58	0.32	7.54	0.32	1.51	1.19	31.04	62.51	...	47	
7	...	...	1	8	183	371	...	2.00	0.40	2.80	2.56	6.63	0.64	14.63	29.65	...	48	
...	1	...	...	1	71	112	...	...	...	4.83	0.83	1.00	0.17	11.82	18.65	...	49	
4	1	...	...	6	104	214	...	...	1.95	7.51	2.10	4.06	0.90	15.63	32.16	...	50	
3	1	...	1	5	104	164	...	...	0.49	3.53	1.10	1.58	0.61	12.67	19.98	...	51	
21	2	...	2	25	153	385	...	...	0.60	10.19	1.68	12.35	3.00	18.35	46.17	...	52	
38	1	...	...	39	346	570	...	0.54	1.44	5.50	2.79	6.40	3.51	31.18	51.36	...	53	
9	4	...	1	14	195	336	...	0.08	0.16	7.87	1.01	0.78	1.09	15.20	26.19	...	54	
12	1	...	1	15	590	1,012	...	...	0.87	9.60	2.34	4.80	0.65	25.52	43.78	...	55	
93	7	...	5	112	2,819	4,556	...	0.12	0.16	5.13	1.15	5.49	0.83	20.89	33.76	...	56	
45	...	...	1	46	241	510	...	..	0.06	3.44	2.11	7.84	2.77	14.53	30.75	...	57	
...	...	...	...	...	13	32	...	...	...	2.11	...	1.23	...	2.29	5.63	...	58	
1	...	...	...	1	52	129	...	0.14	2.58	7.21	...	0.41	0.14	7.07	17.54	...	59	
19	...	...	...	19	95	208	...	...	...	2.83	0.57	7.25	2.15	10.76	23.56	...	60	
93	...	...	1	95	441	852	...	...	0.16	1.45	1.14	8.60	3.73	17.32	32.41	...	61	
...	1	...	1	2	131	208	...	...	2.22	3.70	0.74	2.59	0.25	16.14	25.62	...	62	
3	...	...	...	3	42	115	...	...	3.01	1.72	...	2.80	0.32	4.52	12.38	...	63	
35	...	1	1	37	438	682	...	0.96	1.64	4.64	1.08	3.40	2.10	24.81	38.63	...	64	
11	...	...	...	11	129	163	...	...	0.17	2.94	...	0.86	1.90	22.31	28.19	...	65	
14	...	...	...	14	199	292	...	...	1.59	4.78	0.18	0.44	1.24	17.63	25.87	...	66	
...	...	...	...	...	57	168	...	...	2.41	9.09	1.07	1.07	...	15.24	28.88	...	67	
59	...	...	...	60	229	438	...	...	0.71	3.04	0.92	5.88	4.25	16.21	31.00	...	68	
10	1	...	...	12	88	145	...	...	1.97	2.96	1.38	2.56	2.37	17.35	28.59	...	69	
14	1	...	1	16	295	494	...	...	1.57	8.06	1.67	5.65	1.48	27.31	45.74	...	70	
1,898	58	1	31	2030	26,249	45,566	0.05	0.73	0.30	4.61	1.28	5.50	1.46	18.92	32.84	...		
9	...	...	...	9	36	110	...	...	0.37	3.12	0.87	3.74	1.12	4.49	13.73	...	1	
9	...	...	...	9	59	169	...	...	...	7.10	1.91	4.78	1.23	8.05	23.06	...	2	
1	...	...	...	1	30	68	...	...	...	10.10	1.32	4.83	0.44	13.17	29.85	...	3	
8	...	...	...	8	59	177	...	...	0.65	15.31	1.29	6.90	1.72	12.72	38.16	...	4	
18	1	...	...	19	100	314	...	...	0.81	9.13	1.73	10.86	2.20	11.56	36.29	...	5	
1	...	...	...	1	18	30	...	...	0.28	1.10	0.83	0.83	0.28	4.97	8.29	...	6	

STATEMENT II-B.—*Supplement to*

No.	Divisions and Towns.	Population of (Census 1931).										
			1		2		3		4		5	
			Malaria.		Enteric fever.		Measles.		Relapsing fever.		Kala-azar.	
			Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.
	ARAKAN DIVISION.											
1	Akyab ...	38,094	1	0·03	2	0·05	...	...	...	...	1	0·03
2	Kyaukpyu ...	4,232	11	2·60	...	...	...	...	...	...	...	...
3	Sandoway ...	4,070	3	0·74	2	0·49	...	...	...	...	...	...
	PEGU DIVISION.											
4	Rangoon ...	3,98,967	428	1·07	70	0·18	4	0·01	...	...	5	0·01
5	Pegu ...	21,626	44	2·03	1	0·05	...	...	...	...	...	...
6	Nyaunglebin ...	7,790	4	0·51	...	...	2	0·26	...	...	...	...
7	Tharrawaddy ...	7,131	9	1·26	...	...	...	...	...	...	...	...
8	Thônzè ...	7,962	27	3·39	...	...	...	...	...	...	...	...
9	Zigôn ...	6,365	25	3·93	1	0·16	3	0·47	...	...	...	...
10	Letpadan ...	12,160	33	2·71	6	0·49	...	...	...	...	...	...
11	Gyobingauk ...	7,675	29	3·78	2	0·26	...	...	...	...	...	...
12	Minhla ...	4,413	16	3·63	...	...	...	...	...	...	...	...
13	Nattalin ...	5,633	3	0·53	1	0·18	...	...	...	...	...	...
14	Syriam ...	15,070	8	0·53	1	0·07	...	...	...	...	...	...
15	Thôngwa ...	8,976	14	1·56	3	0·33	...	...	...	...	...	...
16	Insein ...	20,487	31	1·51	9	0·44	1	0·05	...	...	...	...
17	Thamaing ...	5,645	...	...	...	...	1	0·18	...	...	...	...
18	Kamayut ...	7,256	4	0·55	...	...	2	0·28	...	...	...	...
19	Thingangyun ...	7,984	2	0·25	...	...	...	...	...	...	...	...
20	Kanbè ...	6,575	...	...	...	...	...	...	...	...	...	...
21	Prome ...	28,295	47	1·66	...	...	12	0·42	...	...	...	...
22	Shwedaung ...	8,408	9	1·07	...	...	...	...	...	...	...	...
23	Paungdè ...	13,479	85	6·31	1	0·07	...	...	...	...	...	...
24	Toungoo ...	23,223	40	1·72	5	0·22	...	...	...	...	...	...
25	Shwegyin ...	5,876	26	4·42	...	...	...	...	...	...	...	...
26	Pyu ...	7,807	49	6·28	3	0·38	...	...	...	...	...	...
	IRRAWADDY DIVISION.											
27	Bassein ...	45,662	121	2·65	12	0·26	...	...	...	...	...	...
28	Ngathaingyaung ...	5,380	48	8·92	2	0·37	...	...	...	...	...	...
29	Kyônpyaw ...	5,866	10	1·70	...	...	...	...	...	...	...	...
30	Henzada ...	28,542	104	3·64	3	0·11	2	0·07	...	...	...	...
31	Myanaung ..	9,072	30	3·31	...	...	...	...	...	...	...	...
32	Kyangin ...	6,780	14	2·06	...	...	...	...	...	...	...	...
33	Myaungmya ...	7,933	41	5·17	1	0·13	1	0·13	...	...	...	...
34	Wakèma ...	9,359	187	19·99	1	0·11	...	...	...	...	...	...
35	Moulmeingyun ...	7,747	77	9·94	...	...	10	1·29	...	...	...	...
36	Maubin ...	8,897	...	...	...	...	...	...	...	...	...	...
37	Yandoon ...	9,925	20	2·02	...	...	...	...	...	...	...	...
38	Danubyu ...	6,334	36	5·68	4	0·63	...	...	...	...	...	...
39	Pyapôn ...	12,338	31	2·51	...	...	...	...	...	...	...	...
40	Kyaiklat ...	10,658	128	12·01	16	1·50	...	...	...	...	...	...
	TENASSERIM DIVISION.											
41	Thatôn ...	16,851	115	6·82	...	...	...	...	...	...	...	...
42	Kyaikto ...	6,611	52	7·87	...	...	...	...	...	...	...	...
43	Moulmein ...	65,506	128	1·95	49	0·75	17	0·26	...	...	...	...
44	Kawkaik ...	6,575	19	2·89	...	...	2	0·30	...	...	...	...



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Fevers.												Dysentery and		No.
6		7		8		9		10		11		12		
Influenza.		Cerebrospinal Fever.		Typhus Fever.		Blackwater Fever.		Other Fevers.		Total Fevers.		Dysentery.		
Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	
...	...	...	...	...	...	...	...	15	0.39	19	0.50	7	0.18	1
...	...	...	...	...	...	...	...	7	1.65	18	4.25	4	0.95	2
...	...	...	...	...	...	...	...	6	1.47	11	2.70	..	...	3
...	...	8	0.02	...	...	1	0.00	62	0.16	578	1.45	313	0.78	4
...	...	1	0.05	2	0.09	...	...	52	2.40	100	4.62	9	0.42	5
...	...	2	0.26	...	...	...	...	13	1.67	21	2.70	4	0.51	6
...	...	...	...	...	...	...	...	7	0.98	16	2.24	4	0.56	7
...	...	...	...	...	...	...	...	...	...	27	3.39	6	0.75	8
...	...	...	...	...	...	...	...	1	0.16	30	4.71	7	1.10	9
...	...	...	...	...	...	...	...	1	0.08	40	3.29	8	0.66	10
...	...	...	...	...	...	...	...	20	2.61	51	6.64	6	0.78	11
...	...	...	...	...	...	...	...	...	...	16	3.63	4	0.91	12
...	...	...	...	...	...	...	...	7	1.24	11	1.95	1	0.18	13
...	...	...	...	...	...	...	...	36	2.39	45	2.99	15	1.01	14
...	...	...	...	...	...	...	...	3	0.33	20	2.23	12	1.34	15
...	...	1	0.05	...	...	...	...	57	2.78	99	4.83	36	1.76	16
...	...	...	...	...	...	...	...	54	9.57	55	9.74	...	...	17
...	...	...	...	...	...	...	...	131	18.05	137	18.88	4	0.55	18
...	...	...	...	...	...	...	...	81	10.15	83	10.40	1	0.13	19
...	...	...	...	...	...	...	...	103	15.67	103	15.67	1	0.15	20
...	...	...	...	...	...	...	...	61	2.16	120	4.24	5	0.18	21
...	...	...	...	...	...	...	...	51	6.07	60	7.14	3	0.36	22
...	...	...	...	1	0.07	...	...	...	...	87	6.45	6	0.45	23
...	...	...	...	...	...	1	0.04	11	0.47	57	2.45	8	0.34	24
...	...	...	...	1	0.17	...	...	15	2.55	42	7.15	3	0.51	25
...	...	...	...	...	...	...	...	1	0.13	53	6.79	4	0.51	26
...	...	...	...	...	...	...	...	49	1.07	182	3.99	75	1.64	27
...	...	...	...	...	...	...	...	2	0.37	52	9.67	5	0.93	28
...	...	4	0.68	...	...	...	...	42	7.16	52	8.86	3	0.51	29
...	...	...	...	...	...	...	...	18	0.63	131	4.59	16	0.56	30
...	...	...	...	...	...	...	...	10	1.10	40	4.41	1	0.11	31
...	...	...	...	...	...	...	...	9	1.33	23	3.39	1	0.15	32
...	...	...	...	...	...	...	...	36	4.54	79	9.96	14	1.76	33
...	...	...	...	...	...	...	...	2	0.21	190	20.30	9	0.96	34
...	...	...	...	...	...	...	...	70	9.04	157	20.27	23	2.97	35
...	...	...	...	...	...	...	...	164	18.43	164	18.43	5	0.56	36
...	...	...	...	...	...	...	...	5	0.50	25	2.52	9	0.91	37
...	...	...	...	...	...	1	0.16	45	7.10	86	13.58	14	2.21	38
...	...	...	...	...	...	...	...	9	0.73	40	3.24	7	0.57	39
...	...	...	...	...	...	...	...	30	2.81	174	16.33	22	2.06	40
...	...	...	...	...	...	...	...	97	5.76	212	12.58	3	0.18	41
...	...	...	...	...	...	...	...	...	...	52	7.87	5	0.76	42
...	...	...	...	...	...	...	...	8	0.12	202	3.08	70	1.07	43
...	...	...	...	...	...	...	...	52	7.91	73	11.10	1	0.15	44

STATEMENT II-B.—*Supplement to*

	Divisions and Towns.	Population (Census 1931).	Diarrhoea.		Respiratory Diseases.							
			13		14		15		16		17	
			Diarrhoea.		Pneumonia.		Pulmonary Tuberculosis.		Whooping cough.		Other Respiratory Diseases.	
			Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.
ARAKAN DIVISION.												
1	Akyab ...	38,094	4	0·11	25	0·66	11	0·29	1	0·03	6	0·16
2	Kyaukpyu ..	4,232	1	0·24	8	1·89	4	0·95	...	...	...	...
3	Sandoway ...	4,070	2	0·49	5	1·23	3	0·74	...	...	2	0·49
PEGU DIVISION.												
4	Rangoon ...	398,967	251	0·63	1,939	4·86	840	2·11	2	0·01	676	1·69
5	Pegu ...	21,626	5	0·23	18	0·83	23	1·06	3	0·14	19	0·88
6	Nyaunglebin ...	7,790	1	0·13	5	0·64	...	...	...	...	8	1·03
7	Tharrawaddy ...	7,131	2	0·28	7	0·98	6	0·84	...	...	...	...
8	Thônze ...	7,962	1	0·13	7	0·88	...	...	...	...	19	2·39
9	Zigôn ...	6,365	2	0·31	14	2·20	11	1·73	...	...	6	0·94
10	Letpadan ...	12,160	13	1·07	5	0·41	13	1·07	...	...	2	0·16
11	Gyobingauk ...	7,675	1	0·13	9	1·17	...	...	...	...	6	0·78
12	Minhla ...	4,413	1	0·23	...	...	4	0·91	...	...	3	0·68
13	Nattalin ...	5,633	...	...	5	0·89	4	0·71	2	0·36	3	0·53
14	Syriam ...	15,070	5	0·33	65	4·31	...	...	...	...	4	0·27
15	Thôngwa ...	8,976	8	0·89	31	3·45	26	2·90	...	...	4	0·45
16	Insein ...	20,487	31	1·51	64	3·12	26	1·27	...	...	4	0·20
17	Thamaing ...	5,645	...	...	...	...	5	0·89	...	...	...	...
18	Kamayut ...	7,256	3	0·41	4	0·55	2	0·28	...	...	9	1·24
19	Thingangyun ...	7,984	...	...	...	...	...	...	...	...	6	0·75
20	Kanbè ...	6,575	1	0·15	...	...	...	...	...	...	3	0·46
21	Prome ...	28,295	5	0·18	19	0·67	7	0·25	...	...	9	0·32
22	Shwedaung ...	8,408	2	0·24	7	0·83	6	0·71	...	...	2	0·24
23	Paungdè ...	13,479	...	...	56	4·15	15	1·11	...	...	9	0·67
24	Toungoo ...	23,223	8	0·34	29	1·25	20	0·86	...	...	10	0·43
25	Shwegyin ...	5,876	7	1·19	3	0·51	7	1·19	...	...	...	...
26	Pyu ...	7,807	4	0·51	28	3·59	7	0·90	...	...	5	0·64
IRRAWADDY DIVISION.												
27	Bassein ...	45,662	56	1·23	165	3·61	123	2·69	...	...	44	0·96
28	Ngathaingyaung ...	5,380	1	0·19	2	0·37	10	1·86	...	...	...	...
29	Kyônpyaw ...	5,866	1	0·18	2	0·34	4	0·68	...	...	10	1·70
30	Henzada ...	28,542	9	0·32	62	2·17	7	0·25	9	0·32	61	2·14
31	Myanaung ...	9,072	4	0·44	36	3·97	9	0·99	...	...	2	0·22
32	Kyangin ...	6,780	...	...	7	1·03	7	1·03	...	...	2	0·29
33	Myaungmya ...	7,933	6	0·76	28	3·53	45	5·67	...	...	...	...
34	Wakèma ...	9,359	1	0·11	5	0·53	16	1·71	...	...	2	0·21
35	Moulmeingyun ...	7,747	...	...	6	0·77	41	5·29	...	...	...	...
36	Maubin ...	8,897	...	...	...	...	...	...	...	...	13	1·46
37	Yandoon ...	9,925	2	0·20	27	2·72	22	2·22	1	0·10	17	1·71
38	Danubyu ...	6,334	5	0·79	9	1·42	12	1·89	...	...	...	...
39	Pyapôn ...	12,338	14	1·13	4	0·32	21	1·70	...	...	11	0·89
40	Kyaiklat ...	10,658	9	0·84	20	1·88	53	4·97	...	...	...	...
TENASSERIM DIVISION.												
41	Thatôn ...	16,851	8	0·47	55	3·26	14	0·83	1	0·06	10	0·59
42	Kyaikto ...	6,611	1	0·15	4	0·61	6	0·91	...	...	...	...
43	Moulmein ...	65,506	43	0·66	151	2·31	159	2·42	...	...	149	2·27
44	Kawkareik ...	6,575	3	0·46	1	0·15	...	...	...	...	1	0·15



Other Causes:														No.
18		19		20		21		22		23		24		
Beri-beri including Epidemic Dropsy.		Acute Poliomyelitis.		Diphtheria.		Chicken-pox.		Mumps.		Tuberculosis of Joints.		Other Tuberculosis Diseases.		
Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	
6	0.16	...	...	...	...	...	...	...	...	1	0.03	...	...	1
...	...	...	...	...	...	...	...	...	...	1	0.24	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
14	0.04	...	...	9	0.02	...	...	...	...	12	0.03	66	0.17	4
1	0.05	...	...	1	0.05	1	0.05	...	...	...	...	4	0.18	5
8	1.03	...	...	...	...	...	...	...	...	...	...	2	0.26	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	7	0.88	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
1	0.08	...	...	...	...	1	0.08	...	...	...	...	...	...	10
...	...	...	...	...	...	4	0.52	...	...	...	...	17	2.21	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
...	...	...	...	...	...	...	...	...	...	...	...	47	3.12	14
1	0.11	...	...	...	...	...	...	...	...	...	...	...	...	15
...	...	...	...	...	...	...	...	...	...	...	...	...	...	16
1	0.18	...	...	...	...	...	...	...	...	...	...	...	...	17
9	1.24	...	...	...	...	...	...	...	...	...	...	...	...	18
2	0.25	...	...	...	...	...	...	...	...	...	...	...	...	19
2	0.30	...	...	...	...	...	...	...	...	...	...	...	...	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
...	...	...	...	1	0.07	...	...	...	...	...	...	...	...	23
1	0.04	...	...	1	0.04	...	...	...	...	...	...	...	...	24
...	...	...	...	...	...	...	...	...	...	...	...	...	...	25
...	...	...	...	...	...	...	...	...	...	...	...	8	1.02	26
2	0.04	...	...	...	...	...	...	...	...	...	...	14	0.31	27
5	0.93	...	...	...	...	...	...	...	...	...	...	...	...	28
...	...	...	...	...	...	...	...	...	...	...	...	...	...	29
...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
1	0.11	...	...	...	...	...	...	...	...	...	...	...	...	31
...	...	...	...	...	...	2	0.29	...	...	...	...	2	0.29	32
2	0.25	...	...	1	0.13	...	...	...	...	...	...	...	...	33
1	0.11	...	...	...	...	...	...	...	...	...	...	...	...	34
...	...	...	...	...	...	...	...	...	...	...	...	...	...	35
...	...	...	...	...	...	...	...	...	...	1	0.11	16	1.80	36
4	0.40	...	...	...	...	...	...	...	...	...	...	...	...	37
...	...	...	...	...	...	...	...	1	0.16	...	...	...	...	38
1	0.08	...	...	...	...	...	...	...	...	...	...	...	...	39
...	...	...	...	...	...	...	...	1	0.09	...	...	2	1.19	40
...	...	...	...	...	...	...	...	...	...	...	...	...	...	41
10	1.51	...	...	...	...	...	...	...	...	...	...	...	...	42
...	...	...	...	3	0.05	...	...	1	0.02	...	...	4		

STATEMENT II-B. — *Supplement to*

[illegible]



Annual Statement II-A, 1947—contd.

Fevers.												Dysentery and	
6		7		8		9		10		11		12	
Influenza.		Cerebrospinal Fever.		Typhus Fever.		Blackwater Fever.		Other Fevers.		Total Fevers.		Dysentery.	
Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.
...	...	1	0.03	...	...	...	...	339	11.68	371	12.79	9	0.31
...	...	...	...	...	...	...	...	56	2.74	251	12.30	10	0.49
9	0.97	...	...	1	0.11	...	...	47	5.07	70	7.54	2	0.22
...	...	...	...	...	...	...	...	2	0.16	35	2.80	17	1.36
...	...	1	0.17	...	...	...	...	2	0.33	29	4.83	4	0.67
...	...	...	...	...	...	...	...	4	0.60	50	7.51	3	0.45
...	...	...	...	...	...	...	...	10	1.22	29	3.53	2	0.24
...	...	...	...	...	...	...	...	25	3.00	85	10.19	13	1.56
...	...	...	...	...	...	...	...	15	1.35	61	5.50	21	1.89
...	...	...	...	...	...	...	...	96	7.48	101	7.87	10	0.78
...	...	1	0.04	...	...	...	...	184	7.96	222	9.60	43	1.86
...	...	11	0.08	1	0.01	2	0.01	240	1.78	692	5.13	52	0.39
...	...	2	0.12	1	0.06	...	...	1	0.06	57	3.44	11	0.66
...	...	...	...	...	...	...	...	1	0.18	12	2.11	...	...
...	...	...	...	...	...	...	...	51	6.94	53	7.21	...	...
...	...	...	...	...	...	...	...	14	1.59	25	2.83	3	0.34
...	...	...	...	1	0.04	...	...	...	...	37	1.45	4	0.16
...	...	...	...	...	...	...	...	19	2.34	30	3.70	3	0.37
...	...	1	0.11	...	...	...	...	4	0.43	16	1.72	...	...
...	...	2	0.11	...	...	...	...	32	1.81	82	4.64	9	0.51
...	...	...	...	...	...	...	...	2	0.35	17	2.94	...	...
...	...	...	...	...	...	...	...	39	3.46	54	4.78	1	0.09
...	...	...	...	...	...	...	...	29	7.76	34	0.09	2	0.53
...	...	...	...	...	...	...	...	17	1.20	43	3.04	10	0.71
...	...	...	...	...	...	...	...	10	1.97	15	2.96	2	0.39
...	...	1	0.09	1	0.09	...	...	59	5.46	87	8.06	9	0.83
9	0.01	36	0.03	9	0.01	5	0.00	2,741	1.98	6,391	4.61	994	0.72
...	...	2	0.25	...	...	...	...	5	0.62	25	3.12	4	0.50
...	...	...	...	...	...	...	...	1	0.14	52	7.10	13	1.77
...	...	...	...	...	...	...	...	3	1.32	23	10.10	2	0.88
...	...	7	1.51	...	...	1	0.22	1	0.22	71	15.31	...	...
...	...	2	0.23	...	...	...	...	2	0.23	79	9.13	11	1.27
...	...	...	...	...	...	...	...	...	...	4	1.10	1	0.28

STATEMENT II-B.—*Supplement to*

No.	Divisions and Towns.	Population (Census 1931).	Diarrhoea.		Respiratory Diseases.									
			13		14		15		16		17			
			Diarrhoea.		Pneumonia.		Pulmonary Tuberculosis.		Whooping cough.		Other Respiratory Diseases.			
			Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.	Death.	Ratio.		
TENASSERIM DIVISION —concl'd.														
45	Tavoy ...	29,013	6	0·21	10	0·34	3	0·10	...	...	19	0·65		
46	Mergui ...	20,405	...	...	23	1·13	16	0·78	...	...	2	0·10		
MAGWE DIVISION.														
47	Thayetmyo ...	9,279	1	0·11	6	0·65	...	...	...	...	8	0·86		
48	Allanmyo ...	12,511	15	1·20	36	2·88	10	0·80	...	...	37	2·96		
49	Minbu ...	6,005	1	0·17	6	1·00	...	...	...	...	...	...		
50	Salin ...	6,654	11	1·65	18	2·71	6	0·90	...	...	3	0·45		
51	Magwe ...	8,209	7	0·85	...	...	10	1·22	...	...	3	0·37		
52	Taungdwingyi ...	8,339	1	0·11	65	7·79	5	0·60	...	...	33	3·96		
53	Yenangyaung ...	11,098	10	0·90	41	3·69	12	1·08	...	...	18	1·62		
54	Chauk ...	12,830	3	0·23	5	0·39	5	0·39	...	...	...	...		
55	Pakôkku ...	23,115	11	0·48	81	3·50	14	0·61	1	0·04	15	0·65		
MANDALAY DIVISION.														
56	Mandalay ...	134,950	103	0·76	427	3·16	207	1·53	..	...	107	0·79		
57	Maymyo ...	16,586	24	1·45	85	5·12	33	1·99	...	...	12	0·72		
58	Myitngè ...	5,682	...	...	1	0·18	6	1·06	...	...	...	...		
59	Kyauksè ...	7,353	...	...	1	0·14	...	...	...	...	2	0·27		
60	Meiktila ...	8,830	2	0·23	53	6·00	1	0·11	...	...	10	1·13		
61	Myingyan ...	25,457	25	0·98	63	2·47	17	0·67	...	...	139	5·46		
62	Nyaung-U ...	8,118	3	0·37	9	1·11	11	1·36	...	...	1	0·12		
63	Yaméthin ...	9,291	...	...	16	1·72	4	0·43	...	...	6	0·65		
64	Pyinmana ...	17,656	10	0·57	37	2·10	14	0·79	...	...	9	0·51		
65	Pyawbwè ...	5,783	..	...	!	0·17	2	0·35	...	...	2	0·35		
SAGAING DIVISION.														
66	Shwebo ...	11,286	1	0·09	1	0·09	2	0·17	...	...	2	0·17		
67	Ye-u ...	3,739	2	0·53	...	...	...	...	...	...	4	1·07		
68	Sagaing ...	14,127	3	0·21	41	2·90	9	0·64	...	...	33	2·34		
69	Myinmu ...	5,072	5	0·99	10	1·97	3	0·59	...	...	...	...		
70	Mônýwa ...	10,800	9	0·83	29	2·69	20	1·85	...	...	12	1·11		
Total ...		1,387,428	774	0·56	4,002	2·88	1,999	1·44	20	0·01	1,614	1·16		
1	Bhamo ...	8,011	3	0·37	22	2·75	6	0·75	...	...	2	0·25		
2	Myitkyina ...	7,328	1	0·14	16	2·18	17	2·32	...	...	2	0·27		
3	Mawlaik ...	2,278	1	0·44	...	...	3	1·32	...	...	8	3·51		
4	Lashio ...	4,638	6	1·29	15	3·23	9	1·94	...	...	8	1·72		
5	Taunggyi ...	8,652	4	0·46	64	7·40	23	2·66	...	...	7	0·81		
6	Kalaw ...	3,621	2	0·55	3	0·83	...	...	...	...	...	...		



[illegible]

STATEMENT II-B.—*Supplement to Annual Statement II-A, 1947—contd.*

No	Divisions and Towns.	Population (Census 1931).	Other Causes								
			25		26		27	28			29
			Leprosy.		Cancer.		Deaths from Child- birth	Deaths under one year.			Infantile mortality rate per 1,000 births.
			Death.	Ratio.	Death.	Ratio.		Male.	Female.	Total.	
ARAKAN DIVISION.											
1	Akyab ...	38,094	...	...	1	0·03	4	9	5	14	41·92
2	Kyaukpyu ...	4,232	...	...	...	...	3	20	13	33	178·38
3	Sandoway ...	4,070	...	...	...	...	1	8	7	15	110·29
PEGU DIVISION.											
4	Rangoon ...	398,967	69	0·17	106	0·27	85	2,400	1,979	4,379	313·19
5	Pegu ...	21,626	3	0·14	1	0·05	14	112	83	195	274·26
6	Nyaunglebin ...	7,790	1	0·13	...	...	2	42	28	70	226·54
7	Tharrawaddy ...	7,131	1	0·14	...	...	4	21	13	34	151·79
8	Thônzè ...	7,962	...	...	...	...	1	26	20	46	155·93
9	Zigôn ...	6,365	2	0·31	1	0·16	1	30	27	57	245·69
10	Letpadan ...	12,160	3	0·25	...	...	5	44	29	73	257·95
11	Gyobingauk ...	7,675	2	0·26	1	0·13	3	39	30	69	310·81
12	Minhla ...	4,413	...	...	...	...	1	7	12	19	116·56
13	Nattalin ...	5,633	...	...	...	...	4	9	4	13	89·04
14	Syriam ...	15,070	2	0·13	1	0·07	3	66	54	120	165·06
15	Thôngwa ...	8,976	1	0·11	4	0·45	3	24	14	38	165·22
16	Insein ...	20,487	1	0·05	1	0·05	3	83	91	174	278·85
17	Thamaing ...	5,645	...	...	...	...	2	46	35	81	457·63
18	Kamayut ...	7,256	...	...	...	...	2	100	86	186	523·94
19	Thingangyun ...	7,984	2	0·25	...	...	6	74	61	135	527·34
20	Kanbe ...	6,575	1	0·15	...	...	4	47	42	89	301·69
21	Prome ...	28,295	...	...	...	...	8	57	37	94	208·43
22	Shwedaung ...	8,408	...	...	...	...	1	17	11	28	179·49
23	Paungdè ...	13,479	...	...	...	...	5	28	19	47	187·25
24	Toungoo ...	23,223	1	0·04	2	0·09	6	34	26	60	110·29
25	Shwegyin ...	5,876	...	...	...	...	4	10	7	17	107·59
26	Pyu ...	7,807	1	0·13	4	0·51	5	34	33	67	154·02
IRRAWADDY DIVISION.											
27	Bassein ...	45,662	8	0·18	12	0·26	11	348	277	625	320·84
28	Ngathainggyaung ...	5,380	...	...	1	0·19	2	30	30	60	236·22
29	Kyônpyaw ...	5,866	...	...	...	...	2	33	23	56	234·31
30	Henzada ...	28,542	6	0·21	1	0·04	10	198	196	394	423·20
31	Myanaung ...	9,072	2	0·22	...	...	3	20	12	32	139·13
32	Kyangin ...	6,780	1	0·15	...	...	...	14	10	24	188·98
33	Myaungmya ...	7,933	...	...	3	0·38	1	80	58	138	300·00
34	Wakèma ...	9,359	...	...	...	...	4	64	57	121	514·89
35	Moulmeingyun ...	7,747	...	...	...	...	8	99	60	159	474·63
36	Maubin ...	8,897	2	0·22	...	...	24	60	53	113	262·18
37	Yandoon ...	9,925	2	0·20	...	...	5	56	38	94	360·15
38	Danubyu ...	6,334	1	0·16	1	0·16	...	44	40	84	276·32
39	Pyapôn ...	12,338	2	0·16	1	0·08	5	27	24	51	121·14
40	Kyaiklat ...	10,658	...	...	...	...	10	68	81	149	376·26
TENASSERIM DIVISION.											
41	Thatôn ...	16,851	2	0·12	2	0·12	3	89	77	166	201·46
42	Kyaikto ...	6,611	...	...	1	0·15	2	30	25	55	284·97
43	Moulmein ...	65,506	19	0·29	16	0·24	31	267	221	488	250·26
44	Kawkareik ...	6,575	...	...	...	...	...	42	28	70	208·96



STATEMENT II-B.—*Supplement to Annual Statement II-A, 1947*—concl'd.

No.	Divisions and Towns.	Population (Census 1931).	Other Causes.								
			25		26		27	28			29
			Leprosy.		Cancer.		Deaths from Child-birth.	Deaths under one year.			Infantile mortality rate per 1,000 births.
			Death.	Ratio.	Death.	Ratio.		Male.	Female.	Total.	
TENASSERIM DIVISION —concl'd.											
45	Tavoy ...	29,018	...	...	1	0·03	3	20	11	31	43·36
46	Mergui ...	20,405	1	0·05	3	0·15	12	170	143	313	504·03
MAGWE DIVISION.											
47	Thayetmyo ...	9,279	...	...	...	...	1	105	61	166	636·01
48	Allanmyo ...	12,511	9	0·72	3	0·24	4	50	34	84	194·44
49	Minbu ...	6,005	...	...	...	...	...	16	24	40	176·21
50	Salin ...	6,654	4	0·60	1	0·15	3	34	30	64	361·58
51	Magwe ...	8,209	1	0·12	1	0·12	4	25	25	50	226·24
52	Taungdwingyi ...	8,339	10	1·20	1	0·11	1	95	53	148	358·35
53	Yenangyaung ...	11,098	8	0·72	1	0·09	5	81	89	170	398·12
54	Chauk ...	12,830	...	...	...	...	2	49	30	79	647·54
55	Pakôkku ...	23,115	11	0·48	...	...	5	183	174	357	503·53
MANDALAY DIVISION.											
56	Mandalay ...	134,950	16	0·12	13	0·10	45	1,041	873	1,914	320·39
57	Maymyo ...	16,586	...	...	8	0·48	9	87	70	157	195·03
58	Myitngè ...	5,682	...	...	...	...	...	4	6	10	111·11
59	Kyauksè ...	7,353	...	...	...	...	1	12	10	22	166·67
60	Meiktila ...	8,830	1	0·11	2	0·23	3	35	36	71	415·20
61	Myingyan ...	25,457	7	0·27	1	0·04	11	152	150	302	429·59
62	Nyaung-U ...	8,118	8	0·99	...	...	10	18	22	40	412·37
63	Yamèthin ...	9,291	...	...	...	...	...	8	7	15	79·79
64	Pyinmana ...	17,656	1	0·06	...	...	18	125	106	231	431·78
65	Pyawbwè ...	5,783	...	...	...	...	2	40	28	68	320·75
SAGAING DIVISION.											
66	Shwebo ...	11,286	1	0·09	...	...	...	40	42	82	196·64
67	Ye-u ...	3,739	1	0·27	1	0·27	1	27	14	41	294·96
68	Sagaing ...	14,127	3	0·21	...	...	2	78	68	146	449·23
69	Myinmu ...	5,072	1	0·20	...	...	5	34	25	59	297·98
70	Mônýwa ...	10,800	1	0·09	2	0·19	8	73	67	140	326·34
Total ...		1,387,428	219	0·16	198	0·14	456	7,558	6,274	13,832	297·70
1	Bhamo ...	8,011	...	...	...	...	...	11	14	25	128·21
2	Myitkyina ...	7,328	...	...	...	...	3	8	7	15	74·63
3	Mawlaik ...	2,278	...	...	...	...	4	15	10	25	390·63
4	Lashio ...	4,638	...	...	3	0·65	2	18	8	26	123·22
5	Taunggyi ...	8,652	...	...	2	0·23	4	35	38	73	126·30
6	Kalaw ...	3,621	1	0·28	...	...	...	1	...	1	6·29

STATEMENT NO. I (a).—*Showing particulars of Rural*

No.	Divisions and Districts.	Population of Districts according to Census of 1931.	Average number of Vaccinators employed throughout the year.	Total number of persons	
				Male.	Female.
(1)	(2)	(3)	(4)	(5)	(6)
ARAKAN DIVISION.					
1	Akyab ... ..	597,242	11	23,038	18,413
2	Arakan Hill Tracts ...	21,418	3	2,978	1,497
3	Kyaukpyu ... ..	216,060	6	5,921	5,020
4	Sandoway ... ..	125,175	3	6,572	5,315
PEGU DIVISION.					
5	Pegu ... ..	460,395	8	21,202	28,375
6	Tharrawaddy ... ..	454,471	10	21,640	22,814
7	Hanthawaddy * ... ..	...	...	...	...
8	Insein ... ..	279,595	5	20,043	24,060
9	Prome ... ..	360,469	8	12,874	14,842
10	Toungoo ... ..	391,922	11	23,754	23,376
IRRAWADDY DIVISION.					
11	Bassein ... ..	514,135	12	45,304	46,261
12	Henzada ... ..	571,395	12	16,582	17,784
13	Myaungmya ... ..	419,905	12	16,376	17,021
14	Maubin ... ..	346,353	9	18,523	19,996
15	Pyapôn ... ..	311,162	8	15,976	18,928
TENASSERIM DIVISION.					
16	Salween ... ..	53,186	4	6,712	4,807
17	Thatôn * ... ..	509,166	...	...	...
18	Amherst ... ..	444,152	8	20,668	22,099
19	Tavoy ... ..	150,946	5	10,435	11,235
20	Mergui * ... ..	141,582	...	...	...

\* Annual Vaccination



## NATION.

*Vaccinations of Burma during the year 1947.*

vaccinated.		Primary vaccination.					No.
Total.	Average number of persons vaccinated by each Vaccinator.	Total.	Successful.			Unknown.	
			Under one year.	One and under six years.	Total of all ages.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(1)
41,451	3,768	12,055	1,793	4,831	7,882	3,345	1
4,475	1,492	869	6	278	617	252	2
10,941	1,824	3,068	426	727	1,947	545	3
11,887	3,962	3,243	123	1,180	2,000	656	4
49,577	6,197	18,334	5,124	9,148	16,241	1,975	5
44,454	4,445	19,646	4,529	8,971	14,357	4,184	6
...	...	...	...	...	...	...	7
44,103	5,512	10,542	2,959	5,350	9,113	545	8
27,716	3,864	9,562	1,574	3,773	5,703	401	9
47,130	3,927	23,989	1,310	6,869	13,820	6,657	10
91,565	6,397	31,853	3,855	10,603	19,556	8,204	11
34,366	2,863	18,287	5,582	10,011	15,593	1,175	12
33,397	2,727	19,783	4,975	10,217	19,091	692	13
38,519	4,279	14,564	3,371	7,537	13,445	1,119	14
34,904	4,363	18,528	3,475	7,989	17,059	1,297	15
11,519	2,879	6,325	88	1,092	3,511	2,429	16
...	...	...	...	...	...	...	17
42,767	4,977	15,354	1,694	6,115	10,610	3,112	18
21,670	4,334	6,072	1,752	2,289	4,041	144	19
...	...	...	...	...	...	...	20

Report not received.

STATEMENT NO. I (a).—*Showing particulars of Rural*

No.	Divisions and Districts.	Re-vaccination.			Percentage of in which the
		Total.	Successful.	Unknown.	Primary.
(1)	(2)	(14)	(15)	(16)	(17)
ARAKAN DIVISION.					
1	Akyab ... ..	29,396	1,001	10,551	90·49
2	Arakan Hill Tracts ...	3,606	984	763	100·00
3	Kyaukpau ... ..	7,873	1 345	1,783	77·17
4	Sandoway ... ..	8,644	287	2,037	77·31
PEGU DIVISION.					
5	Pegu ... ..	31,243	2,635	6,813	99·28
6	Tharrawaddy ... ..	24,808	5,484	8,524	92·85
7	Hanthawaddy * ... ..	...	...	...	...
8	Insein ... ..	33,561	7,207	1,769	91·16
9	Prome ... ..	18,154	2,596	1,742	62·25
10	Toungoo ... ..	23,141	1,338	9,758	79·74
IRRAWADDY DIVISION					
11	Bassein ... ..	59,712	10,591	20,204	82·69
12	Henzada ... ..	16,079	830	2,744	91·12
13	Myaungmya ... ..	13,614	2,726	1,573	100·00
14	Maubin ... ..	23,955	2,891	3,331	100·00
15	Pyapôn ... ..	16,376	1,804	2,417	99·00
TENASSERIM DIVISION.					
16	Salween ... ..	5,194	1,022	2,274	90·12
17	Thatôn * ... ..	...	...	...	...
18	Amherst ... ..	27,413	2,784	6,824	86·67
19	Tavoy ... ..	15,598	4,044	12,403	68·17
20	Mergui * ... ..	...	...	...	...

\* Annual Vaccination



## NATION.

*Vaccinations of Burma during the year 1947—contd.*

successful cases results were known.					
Re-vaccination.	Persons success- fully vaccinated per 1,000 of population.	Total cost of Vaccina- tion Department.	Number of all successful vaccinations and re-vaccinations performed by the Vaccination Staff only.	Average cost of each successful case performed by the Vaccination Staff.	No.
(18)	(19)	(20)	(21)	(22)	(1)
		Rs. A. P.		Rs. A. P.	
5·31	14·87	20,887 2 0	8,883	2 5 7	1
34·61	74·75	3,234 4 0	1,601	...	2
22·09	15·24	4,171 14 0	3,292	1 4 0	3
4·34	18·28	7,724 14 4	2,287	3 6 0	4
10·79	41·00	30,139 10 0	18,876	1 10 0	5
33·68	43·65	20,982 0 0	19,841	1 1 0	6
...	...	...	...	...	7
22·67	58·37	26,647 13 0	16,320	1 10 0	8
15·82	23·02	16,807 6 0	8,299	2 0 5	9
9·99	38·68	23,717 14 0	15,158	1 9 0	10
26·80	58·64	37,070 11 4	30,147	1 3 8	11
6·22	28·76	24,900 8 0	16,423	1 8 5	12
22·64	51·96	21,302 15 0	21,817	0 15 8	13
14·02	47·17	23,805 13 4	16,336	1 7 4	14
12·92	60·62	20,051 12 8	18,863	1 1 0	15
35·00	85·23	7,635 11 0	4,533	1 11 2	16
...	...	...	...	...	17
13·52	30·16	20,515 13 0	13,394	1 8 6	18
30·65	53·56	12,644 6 0	8,085	1 9 0	19
...	...	...	...	...	20

Report not received.

## STATEMENT NO. I (a).—Showing particulars of Rural

No.	Divisions and Districts.	Population of Districts according to Census of 1931.	Average number of Vaccinators employed throughout the year.	Total number of persons.	
				Male.	Female.
(1)	(2)	(3)	(4)	(5)	(6)
	MAGWE DIVISION.				
21	Thayetmyo ... ..	252,387	8	13,409	14,916
22	Minbu * ... ..	...	...	...	...
23	Magwe ... ..	459,097	7	16,078	16,186
24	Pakôkku ... ..	476,066	10	18,271	17,108
25	Chin Hills * ... ..	...	...	...	...
	MANDALAY DIVISION.				
26	Mandalay ... ..	196,687	4	10,046	11,973
27	Kyauksè ... ..	143,967	4	5,510	8,100
28	Meiktila ... ..	301,169	4	11,956	8,914
29	Myingyan * ... ..	...	...	...	...
30	Yamèthin ... ..	358,090	6	16,434	18,682
	SAGAING DIVISION.				
31	Bhamo ... ..	113,182	6	6,273	5,905
32	Myitkyina ... ..	164,196	7	7,874	8,826
33	Shwebo ... ..	431,765	10	16,025	18,317
34	Sagaing ... ..	316,766	6	14,833	16,244
35	Katha ... ..	254,170	7	10,738	10,914
36	Upper Chindwin ... ..	202,704	8	12,797	14,545
37	Lower Chindwin ... ..	372,634	7	16,037	20,039
	Total ... ..	9,760,861	229	464,879	492,512
	FEDERATED SHAN STATES.				
38	Northern Shan States * ... ..	...	...	...	...
39	Southern Shan States ... ..	916,718	21	40,726	38,725



## NATION.

*Vaccinations of Burma during the year 1947—contd.*

vaccinated.		Primary vaccination.					No.
Total.	Average number of persons vaccinated by each Vaccinator.	Total.	Successful.			Unknown.	
			Under one year,	One and under six years.	Total of all ages.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(1)
28,325	5,607	5,854	1,107	2,112	3,309	1,447	21
...	...	...	...	...	...	...	22
32,264	4,609	9,847	2,307	2,908	5,322	1,227	23
35,379	3,538	17,063	3,329	5,222	10,174	4,328	24
...	...	...	...	...	...	...	25
22,019	5,505	5,858	1,085	1,387	2,910	2,712	26
13,610	3,402	3,482	831	1,427	2,258	903	27
20,870	5,218	6,572	861	1,762	3,066	1,948	28
...	...	...	...	...	...	...	29
35,116	6,113	11,193	1,176	1,871	3,329	2,371	30
12,178	2,029	3,789	516	1,073	1,979	830	31
16,700	2,400	4,757	392	930	1,688	1,524	32
34,342	6,491	11,655	2,697	6,014	9,478	1,299	33
31,077	5,179	8,323	1,070	2,928	3,998	1,722	34
21,652	3,093	9,346	683	2,074	3,507	4,084	35
27,342	3,418	11,781	2,109	5,388	8,000	368	36
36,076	5,154	12,876	1,576	3,035	4,633	3,487	37
957,391	4,074	354,470	62,375	135,111	238,237	64,982	
...	...	...	...	...	...	...	38
79,451	3,783	30,601	4,591	20,610	25,201	5,034	39

Report not received.

STATEMENT NO. I (a).—*Showing particulars of Rural*

No.	Divisions and Districts.	Re-vaccination.			Percentage of in which the
		Total.	Successful.	Unknown.	Primary.
(1)	(2)	(14)	(15)	(16)	(17)
	MAGWE DIVISION.				
21	Thayetmyo ... ..	22,471	3,572	8,950	75·08
22	Minbu * ... ..	...	...	...	...
23	Magwe ... ..	22,417	1,900	4,959	61·74
24	Pakôkku ... ..	18,316	801	6,711	79·89
25	Chin Hills * ... ..	...	...	...	...
	MANDALAY DIVISION.				
26	Mandalay ... ..	16,161	1,054	8,345	92·49
27	Kyauksè ... ..	10,128	874	3,430	87·55
28	Meiktila ... ..	14,298	785	4,840	66·31
29	Myingyan * ... ..	...	...	...	...
30	Yamèthin ... ..	23,923	1,524	5,538	37·74
	SAGAING DIVISION.				
31	Bhamo ... ..	8,389	1,063	2,693	66·88
32	Myitkyina ... ..	11,943	1,117	4,620	52·24
33	Shwebo ... ..	22,687	5,316	5,088	91·52
34	Sagaing ... ..	22,754	1,657	3,774	60·57
35	Katha ... ..	12,306	1,257	6,426	66·65
36	Upper Chindwin ... ..	15,561	2,717	794	70·10
37	Lower Chindwin ... ..	23,200	1,031	7,562	49·34
	Total ... ..	602,921	74,237	159,240	82·24
	FEDERATED SHAN STATES.				
38	Northern Shan States * ... ..	...	..	...	...
39	Southern Shan States ... ..	48,850	7,903	20,342	98·14

\* Annual Vaccination



## NATION.

*Vaccinations of Burma during the year 1947—concl'd.*

successful cases results were known.					
Re-vaccination.	Persons success- fully vaccinated per 1,000 of population.	Total cost of Vaccina- tion Department.	Number of all successful vaccinations and re-vaccinations performed by the Vaccination Staff only.	Average cost of each successful case performed by the Vaccination Staff.	No.
(18)	(19)	(20)	(21)	(22)	(1)
		Rs. A. P.		Rs. A. P.	
26·41	27·26	18,671 11 0	6,881	3 1 3	21
...	...	...	...	...	22
10·88	15·73	16,668 8 0	7,222	2 4 11	23
6·90	23·05	21,048 2 4	10,975	...	24
...	...	...	...	...	25
13·49	20·11	10,977 13 0	3,964	2 12 4	26
13·05	21·75	10,618 2 0	3,132	3 4 8	27
8·29	12·78	11,318 3 0	3,851	1 13 0	28
...	...	...	...	...	29
8·29	13·41	13,510 3 0	4,853	2 10 3	30
18·66	26·87	14,642 2 8	3,042	4 13 0	31
15·25	22·25	18,393 3 0	2,805	6 9 0	32
30·20	55·49	26,832 15 0	14,794	1 13 0	33
8·73	17·85	12,113 14 0	5,655	2 2 0	34
21·38	18·74	17,788 7 0	4,764	3 11 8	35
18·40	52·87	14,069 12 0	10,717	1 5 0	36
6·59	15·19	12,007 10 0	5,664	2 1 11	37
16·73	32·01	5,42,901 1 8	312,174	1 11 9	
...	...	...	...	...	38
27·72	36·11	29,014 14 0	33,104	0 14 0	39

Report not received.

## STATEMENT NO. I (b).--Showing particulars of Urban Vaccinations

No.	Divisions and Towns.		Population of towns according to Census 1931.	Average number of Vaccinators employed throughout the year.	Total number of persons	
(1)	(2)		(3)	(4)	(5)	(6)
					Male.	Female.
ARAKAN DIVISION.						
1	Akyab	...	38,094	2	8,754	1,586
2	Kyaukpyu	...	4,232	1	514	341
3	Sandoway	...	4,070	1	559	420
PEGU DIVISION.						
4	Rangoon	...	398,967	23	149,100	87,037
5	Pegu	...	21,626	1	2,570	2,396
6	Nyaunglebin *	...	...	...	...	...
7	Tharrawaddy	...	7,131	1	801	855
8	Thônzè	...	7,962	1	775	699
9	Zigôn	...	6,365	1	909	936
10	Letpadan	...	12,160	1	985	1,200
11	Gyobingauk	...	7,675	1	835	752
12	Minhla	...	4,413	1	904	776
13	Nattalin	...	5,633	1	1,034	696
14	Syriam	...	15,070	1	6,938	3,878
15	Thôngwa	...	8,976	1	1,519	1,531
16	Insein	...	20,487	1	2,012	1,468
17	Thamaing	...	5,645	1 {	1,508	1,184
18	Kamayut	...	7,256		2,251	1,621
19	Thingangyun	...	7,984	1 {	2,019	1,415
20	Kanbè	...	6,575		1,881	2,242
21	Prome *	...	...	...	...	...
22	Shwedaung *	...	...	...	...	...
23	Paungdè	...	13,479	1	807	646
24	Toungoo	...	23,223	1	2,153	718
25	Shwegyin	...	5,876	1	739	456
26	Pyu	...	7,807	1	758	646
IRRAWADDY DIVISION.						
27	Bassein	...	45,662	2	2,199	2,447
28	Ngathainggyaung	...	5,380	1	1,021	1,137
29	Kyônpyaw *	...	...	...	...	...

\* Annual Vaccination



## NATION.

(excluding Jails and Ports) of Burma during the year 1947.

vaccinated.	Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				No.
		Total.	Successful.			
			Under one year.	One and under six years.	Total of all ages.	
(7)	(8)	(9)	(10)	(11)	(12)	(1)
Total.						
10,340	5,170	885	170	154	393	1
855	855	245	27	68	127	2
979	979	197	42	84	134	3
236,137	10,051	24,262	9,432	6,037	15,891	4
4,966	4,966	851	255	339	694	5
...	...	...	...	...	...	6
1,656	1,656	399	80	298	399	7
1,474	1,474	431	111	315	426	8
1,845	1,845	502	196	84	280	9
2,185	2,185	827	235	543	778	10
1,587	1,587	215	61	97	158	11
1,680	1,680	237	159	78	237	12
1,730	1,730	275	123	152	275	13
10,816	3,605	550	276	168	490	14
3,050	3,050	255	84	97	189	15
3,480	3,480	723	300	376	676	16
2,692	2,692	147	61	74	135	17
3,872	3,872	335	141	152	297	18
3,434	3,434	212	131	63	194	19
4,123	4,123	261	104	89	188	20
...	...	...	...	...	...	21
...	...	...	...	...	...	22
1,453	1,453	618	381	230	611	23
2,871	2,871	599	167	252	503	24
1,195	1,195	169	101	36	137	25
1,404	1,404	539	40	179	251	26
4,646	2,321	2,068	1,649	345	2,001	27
2,158	2,158	745	244	443	695	28
...	...	...	...	...	...	29

Report not received.

STATEMENT NO. I (b).—Showing particulars of Urban Vaccinations

No.	Divisions and Towns.	Primary Vaccination.	Re-vaccination.		
		Unknown.	Total.	Successful.	Unknown.
(1)	(2)	(13)	(14)	(15)	(16)
ARAKAN DIVISION—concl'd.					
1	Akyab ... ..	168	9,455	286	5,241
2	Kyaukpyu ... ..	20	610	34	104
3	Sandoway ... ..	17	782	20	34
PEGU DIVISION—concl'd.					
4	Rangoon ... ..	6,813	211,875	17,170	103,484
5	Pegu ... ..	157	4,115	223	2,993
6	Nyaunglebin * ... ..	...	...	...	...
7	Tharrawaddy ... ..	...	1,257	258	36
8	Thônzè ... ..	5	1,043	345	130
9	Zigôn ... ..	93	1,343	354	265
10	Letpadan ... ..	49	1,358	412	396
11	Gyobingauk ... ..	3	1,372	72	2
12	Minhla ... ..	...	1,443	372	100
13	Nattalin ... ..	...	1,455	393	4
14	Syriam ... ..	29	10,266	424	3,303
15	Thôngwa ... ..	55	2,765	483	794
16	Insein ... ..	36	2,757	543	1,041
17	Thamaing ... ..	7	2,545	282	330
18	Kamayut ... ..	19	3,537	306	549
19	Thingangyun ... ..	17	3,222	249	46
20	Kanbè ... ..	19	3,862	260	60
21	Prome * ... ..	...	...	...	...
22	Shwedaung * ... ..	...	...	...	...
23	Paungdè ... ..	7	835	235	84
24	Toungoo ... ..	51	2,272	53	42
25	Shwegyln ... ..	1	1,026	1	46
26	Pyu ... ..	30	865	96	111
IRRAWADDY DIVISION—cont'd.					
27	Bassein ... ..	34	2,578	369	10
28	Ngathainggyaung ... ..	23	1,413	348	372
29	Kyônpyaw * ... ..	...	...	...	...

\* Annual Vaccination.



## NATION.

(excluding Jails and Ports) of Burma during the year 1947—contd.

Percentage of successful cases in which the results were known.		Persons success- fully vaccinated per 1,000 of population.	Total cost of Vaccination Department.	Number of all successful vaccinations and re-vaccinations performed by the Vaccination Staff only.	Average cost of each successful case performed by the Vaccina- tion Staff.	No.
Primary.	Re-vaccination.					
(17)	(18)	(19)	(20)	(21)	(22)	(1)
			Rs. A. P.		Rs. A. P.	
54.81	6.78	17.82	3,489 2 4	679	5 2 2	1
56.44	6.27	38.04	2,449 4 0	728	3 8 0	2
74.44	3.09	37.84	2,079 7 0	154	10 6 0	3
91.07	15.84	82.86	1,02,422 15 0	...	0 6 11	4
100.00	5.42	42.40	...	917	...	5
...	...	...	...	...	...	6
100.00	21.13	92.13	...	657	...	7
100.00	37.78	96.83	...	771	...	8
68.45	32.84	99.61	1,957 0 8	634	3 1 5	9
100.00	42.82	97.86	998 0 0	1,190	0 13 5	10
74.52	5.25	29.97	1,273 10 0	230	5 8 7	11
100.00	27.70	138.00	1,440 4 0	609	2 5 10	12
100.00	27.05	118.59	2,467 6 0	668	3 11 1	13
94.04	6.86	60.65	3,096 0 0	899	1 10 0	14
82.17	18.78	74.85	2,111 1 0	672	3 2 3	15
93.39	31.14	59.50	3,024 5 0	2,296	1 5 0	16
96.43	12.73	73.87	1,480 10 0	417	3 9 0	17
93.98	10.24	83.10	2,042 13 0	603	3 6 0	18
99.49	8.09	55.48	1,741 1 0	443	3 14 11	19
77.68	7.02	68.13	1,741 1 0	448	3 11 11	20
...	...	...	...	...	...	21
...	...	...	...	...	...	22
100.00	36.09	62.76	1,416 8 0	846	1 10 9	23
91.79	2.37	23.94	1,321 5 0	556	2 6 0	24
81.55	0.11	23.48	364 8 0	138	2 10 2	25
49.31	12.93	44.44	1,079 5 0	347	3 1 0	26
98.37	15.32	5.90	4,769 15 6	2,370	2 0 2	27
96.26	31.60	193.86	1,342 12 0	1,043	1 4 6	28
...	...	...	...	...	...	29

Report not received.

STATEMENT No. I (b).—*Showing particulars of Urban Vaccinations*

No.	Divisions and Towns.	Population of towns according to Census of 1931.	Average number of Vaccinators employed throughout the year.	Total number of persons	
(1)	(2)	(3)	(4)	(5)	(6)
				Male.	Female.
	IRRAWADDY DIVISION—concl'd.				
30	Henzada ... ..	28,542	2	3,878	2,464
31	Myanaung ... ..	9,072	1	1,476	1,529
32	Kyangin * ... ..	...	...	...	...
33	Myaungmya ... ..	7,933	2	1,549	185
34	Wakèma ... ..	9,359	1	890	1,378
35	Moulmeingyun ... ..	7,747	1	1,620	1,711
36	Maubin ... ..	8,897	1	1,745	1,170
37	Yandoon ... ..	9,925	1	1,420	990
38	Danubyu ... ..	6,334	1	1,671	1,588
39	Pyapôn ... ..	12,338	1	1,140	1,138
40	Kyaiklat ... ..	10,658	1	3,390	3,510
	TENASSERIM DIVISION.				
41	Thatôn ... ..	16,851	1	2,331	1,530
42	Kyaikto * ... ..	...	...	...	...
43	Moulmein ... ..	65,506	3	5,359	5,940
44	Kawkareik * ... ..	...	...	...	...
45	Tavoy ... ..	29,018	2	4,631	4,459
46	Mergui ... ..	20,405	1	1,611	867
	MAGWE DIVISION.				
47	Thayetmyo ... ..	9,279	1	1,696	1,619
48	Allanmyo ... ..	12,511	1	2,746	2,183
49	Minbu ... ..	6,005	1	514	582
50	Salin ... ..	6,654	1	897	1,203
51	Magwe * ... ..	...	...	...	...
52	Taungdwingyi ... ..	8,339	1	954	723
53	Yenangyaung ... ..	11,098	1	2,165	1,766
54	Chauk ... ..	12,830	1	1,508	1,424
55	Pakôkku ... ..	23,115	1	803	763

\* Annual Vaccination



## NATION.

(excluding Jails and Ports) of Burma during the year 1947—contd.

vaccinated.	Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.				No.
		Total.	Successful.			
			Under one year.	One and under six years.	Total of all ages.	
(7)	(8)	(9)	(10)	(11)	(12)	(1)
Total.						
6,342	3,171	1,140	587	488	1,095	30
3,005	3,005	390	190	200	390	31
...	...	...	...	...	...	32
3,400	1,700	1,113	440	563	1,025	33
2,268	2,268	460	66	369	435	34
3,331	3,331	1,268	125	784	1,099	35
2,915	2,915	524	427	97	524	36
2,410	2,410	229	189	27	216	37
3,259	3,259	370	198	159	357	38
2,278	2,278	996	404	329	816	39
6,900	6,900	1,714	341	119	1,592	40
3,861	3,861	1,194	635	115	770	41
...	...	...	...	...	...	42
11,299	3,766	1,751	1,077	547	1,695	43
...	...	...	...	...	...	44
9,090	4,545	2,588	1,127	580	1,707	45
2,478	1,880	1,002	352	257	738	46
3,315	3,315	556	95	300	395	47
4,929	4,929	1,248	453	431	901	48
1,096	1,096	542	224	245	469	49
2,100	2,100	367	212	142	358	50
...	...	...	...	...	...	51
1,677	1,677	443	118	118	236	52
3,931	3,931	577	243	277	520	53
2,932	2,932	640	121	307	428	54
1,566	1,566	605	143	280	482	55

Report not received.

## STATEMENT NO. I (b).—Showing particulars of Urban Vaccinations

No.	Divisions and Towns.	Primary Vaccination.	Re-vaccination.		
		Unknown.	Total.	Successful.	Unknown.
(1)	(2)	(13)	(14)	(15)	(16)
<b>IRRAWADDY DIVISION—concl'd.</b>					
30	Henzada ...	45	5,202	102	914
31	Myanaung ...	...	2,615	324	...
32	Kyangin *	...	...	...	...
33	Myaungmya ...	88	2,287	328	631
34	Wakèma ...	25	1,808	341	99
35	Moulmeingyun ...	124	2,063	432	750
36	Maubin ...	...	2,391	36	...
37	Yandoon ...	13	2,181	...	516
38	Danubyu ...	13	2,889	112	239
39	Pyapôn ...	111	1,282	75	420
40	Kyaiklat ...	122	5,186	33	547
<b>TENASSERIM DIVISION—concl'd.</b>					
41	Thatôn ...	263	2,667	115	1,911
42	Kyaikto *	...	...	...	...
43	Moulmein ...	10	9,548	2,337	716
44	Kawkareik *	...	...	...	...
45	Tavoy ...	91	6,502	1,182	1,194
46	Mergui ...	44	1,476	222	210
<b>MAGWE DIVISION—concl'd.</b>					
47	Thayetmyo ...	22	2,759	876	833
48	Allaunmyo ...	63	3,681	121	566
49	Minbu ...	11	554	179	62
50	Salin ...	9	1,733	391	160
51	Magwe *	...	...	...	...
52	Taungdwingyi ...	...	1,234	113	26
53	Yenangyaung ...	32	3,354	438	109
54	Chauk ...	212	2,292	25	37
55	Pakôkku ...	45	961	55	...

\* Annual Vaccination



## NATION.

(excluding Jails and Ports) of Burma during the year 1947—contd.

Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Total cost of Vaccination Department.	Number of all successful vaccinations and re-vaccinations performed by the Vaccination Staff only.	Average cost of each successful case performed by the Vaccination Staff.	No.
Primary.	Revaccination.					
(17)	(18)	(19)	(20)	(21)	(22)	(1)
			Rs. A. P.		Rs. A. P.	
100'00	2'37	41'93	2,637 13 0	1,197	2 3 11	30
100'00	12'39	78'70	1,964 4 0	714	2 12 0	31
...	...	...	...	...	...	32
100'00	19'96	170'55	1 388 6 0	1,353	1 0 5	33
100'00	18'86	82'91	1,523 12 0	776	1 15 5	34
96'07	32'90	197'62	2,380 7 0	1,531	1 8 11	35
100'00	1'51	62'94	1,634 10 0	560	2 14 7	36
100'00	...	21'76	2,570 12 0	216	11 14 5	37
100'00	4'30	74'04	2,847 13 4	460	6 1 1	38
92'20	8'70	72'24	1 500 0 0	891	1 10 11	39
100'00	0'71	152'46	3,374 7 0	1,625	2 5 2	40
82'71	15'21	52'52	2,489 12 0	885	2 13 0	41
...	...	...	...	...	...	42
97'35	26'46	61'46	4,676 3 0	4,032	1 2 7	43
...	...	...	...	...	...	44
68'36	22'27	99'56	5,910 5 0	2,889	2 0 9	45
78'68	17'54	47'04	2,444 10 8	974	2 8 2	46
73'97	36'10	13'69	3,628 2 0	1,884	1 14 9	47
76'03	3'86	81'69	3,916 15 0	1,022	3 13 4	48
88'32	36'38	107'91	2,565 12 0	648	3 15 0	49
100'00	24'85	112'56	1,678 12 0	749	2 3 0	50
...	...	...	...	...	...	51
53'27	9'35	41'85	2,438 10 0	349	5 11 0	52
95'41	16'56	10'64	4,489 12 0	958	0 13 0	53
100'00	1'10	29'90	2,438 2 8	...	5 9 8	54
86'07	6'30	20'85	2,697 4 4	537	5 0 4	55

Report not received.

## STATEMENT NO. I (b).—Showing particulars of Urban Vaccinations

No.	Divisions and Towns.		Population of towns according to Census of 1931.	Average number of vaccinators employed throughout the year.	Total number of persons.	
					(5)	(6)
(1)	(2)		(3)	(4)		
	MANDALAY DIVISION.				Male.	Female.
56	Mandalay	...	134,950	8	26,215	24,030
57	Maymyo	...	16,586	1	2,606	1,624
58	Myitngè *	...	...	...	...	...
59	Kyauksè	...	7,353	1	1,342	1,168
60	Meiktila	...	8,830	1	585	305
61	Myingyan.	...	25,457	1	930	673
62	Nyaung-U	...	8,118	1	119	162
63	Yamèthin	...	9,291	1	1,426	1,348
64	Pyinmana	...	17,656	1	2,095	1,350
65	Pyawbwè *	...	...	...	...	...
	SAGAING DIVISION.					
66	Shwebo *	...	...	...	...	...
67	Ye-U	...	3,739	1	624	678
68	Sagaing	...	14,127	...	750	531
69	Myinmu	...	5,072	1	527	490
70	Mônýwa	...	10,800	1	1,459	902
71	Bhamo	...	8,011	1	744	419
72	Myitkyina *	...	...	...	...	...
73	Mawlaik *	...	...	...	...	...
	Total	...	1,294,154	93	276,961	191,151
	FEDERATED SHAN STATES.					
...	Lashio	...	4,638	1	1,541	1,214
...	Taunggyi *	...	...	...	...	...
...	Kalaw *	...	...	...	...	...
	Total	...	...	1	1,541	1,214

\* Annual Vaccination



## NATION.

(excluding Jails and Ports) of Burma during the year 1947—contd.

vaccinated.	Average number of persons vaccinated by each Vaccina- tor.	Primary Vaccination.				No.
		Total.	Successful.			
			Under one year.	One and under six years.	Total of all ages.	
(7)	(8)	(9)	(10)	(11)	(12)	(1)
Total						
50,245	6,280	10,403	5,192	4,520	9,807	56
4,230	4,230	723	325	148	473	57
...	...	...	...	...	...	58
2,510	2,510	294	178	64	266	59
890	890	201	56	66	193	60
1,603	1,603	437	190	92	290	61
281	281	...	...	...	1	62
2,774	2,774	619	77	226	415	63
3,445	3,445	674	181	222	407	64
...	...	...	...	...	...	65
...	...	...	...	...	...	66
1,302	1,302	308	240	57	306	67
1,281	1,281	259	46	90	136	68
1,017	1,017	226	35	125	162	69
2,361	2,361	393	84	149	233	70
1,163	1,163	401	94	104	207	71
...	...	...	...	...	...	72
...	...	...	...	...	...	73
468,112	165,808	71,233	29,035	23,351	55,303	
2,755	2,755	263	103	103	239	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
2,755	2,755	263	103	103	239	

Report not received.

## STATEMENT NO. I (b).—Showing particulars of Urban Vaccinations

No.	Divisions and Towns.			Primary Vaccination.	Re-vaccination.		
				Unknown.	Total.	Successful.	Unknown.
(1)	(2)			(13)	(14)	(15)	(16)
MANDALAY DIVISION—concl'd.							
56	Mandalay	...	...	175	39,842	4,474	4,416
57	Maymyo	...	...	165	3,507	11	1,433
58	Myitngè *	...	...	...	...	...	...
59	Kyauksè	...	...	28	2,216	338	403
60	Meiktila	...	...	8	689	28	271
61	Myingyan	...	...	72	1,166	8	351
62	Nyaung-U	...	...	...	280	10	75
63	Yamèthin	...	...	88	2,155	423	326
64	Pyinmana	...	...	29	2,771	86	210
65	Pyawbwè *	...	...	...	...	...	...
SAGAING DIVISION—concl'd.							
66	Shwebo *	...	...	...	...	...	...
67	Ye-U	...	...	2	994	274	87
68	Sagaing	...	...	12	1,022	43	176
69	Myinmu	...	...	64	791	99	232
70	Mônýwa	...	...	50	1,968	62	417
71	Bhamo	...	...	26	762	52	152
72	Myitkyina *	...	...	...	...	...	...
73	Mawlaik *	...	...	...	...	...	...
Total				9,715	396,879	37,333	140,305
FEDERATED SHAN STATES— concl'd.							
...	Lashio	...	...	...	2,492	885	212
...	Taunggyi *	...	...	...	...	...	...
...	Kalaw *	...	...	...	...	...	...
Total				...	2,492	885	212

\* Annual Vaccination



## NATION.

(excluding Jails and Ports) of Burma during the year 1947—concl'd.

Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Total cost of Vaccination Department.	Number of all successful vaccinations and re-vaccinations performed by the Vaccination Staff only.	Average cost of each successful case performed by the Vaccination Staff.	No
Primary.	Re-vaccination.					
(17)	(18)	(19)	(20)	(21)	(22)	(1)
			Rs. A. P.		Rs. A. P.	
95.88	12.59	96.54	23,512 8 7	14,281	1 10 4	56
84.76	0.50	19.83	6,182 1 0	484	12 12 4	57
...	...	...	...	...	...	58
100.00	15.30	81.60	2,139 0 0	604	2 14 0	59
97.47	2.85	20.99	3,266 0 0	228	7 10 7	60
79.45	1.30	11.70	2,364 9 8	298	7 15 0	61
100.00	3.57	1.36	30 0 0	11	2 11 4	62
78.15	31.82	90.19	1,092 15 0	838	1 4 7	63
63.10	3.36	27.92	1,354 8 0	493	2 12 0	64
...	...	...	...	...	...	65
...	...	...	...	...	...	66
100.00	30.21	143.35	614 0 0	580	1 0 11	67
55.06	5.08	12.64	1,976 13 0	179	11 0 0	68
100.00	19.66	52.00	1,073 0 0	261	0 11 0	69
67.93	31.99	27.31	2,326 1 4	295	7 14 2	70
55.20	8.52	32.33	2,341 12 0	259	9 0 8	71
...	...	...	...	...	...	72
...	...	...	...	...	...	73
89.85	14.55	72.02	2,53,578 3 1	61,385	209 15 5	
90.87	38.90	187.33	2,072 13 0	1,124	1 13 6	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
90.87	38.81	187.33	2,072 3 0	1,124	1 13 6	

Report not received

## VACCINATION.

APPENDIX A.—Statement showing the number of vaccinations performed in Municipal Towns and Notified Areas (to which the Vaccination Act has been extended) on children under one year of age.

Towns.		Number of births during the year.	Number of deaths among children under one year during the year.	Number of successful operations on children under one year during the year.	Date of extension of Vaccination Act of 1880.	Date of extension of Vaccination Law Amendment Act of 1909.
(1)		(2)	(3)	(4)	(5)	(6)
Akyab	...	334	14	170	August 1883	29th March 1910.
Minbya	...	...	...	...	4th March 1930...	9th Sept. 1931.
Kyaukpyu	...	185	33	27	April 1894	29th March 1910.
Sadoway	...	136	15	42	September 1890	Do.
Rangoon *	...	13,950	4,379	9,432	April 1884	1st May 1909.
Pegu	...	711	195	255	March 1893	29th March 1910.
Nyaunglèbin	...	309	70	...	29th March 1910	Do.
Tharrawaddy	...	224	34	80	October 1897	23rd July 1929.
Thônzè	...	295	46	111	Do.	29th March 1910.
Zigôn	...	232	57	196	11th May 1914	9th Sept. 1915.
Letpadan	...	283	73	235	January 1897	29th March 1910.
Gyobingauk	...	222	69	61	February 1897	Do.
Minhla	...	163	19	159	11th May 1914	9th Sept. 1915.
Nattalin	...	146	13	123	Do.	Do.
Syriam	...	727	120	276	29th January 1913	29th January 1913.
Thôngwa	...	230	38	84	3rd March 1914	3rd March 1914.
Insein	...	624	174	300	14th March 1912	14th March 1912
Thamaing	...	177	81	61	26th May 1926	26th May 1926.
Thingangyun	...	256	135	131	Do.	Do.
Kanbè	...	295	89	104	Do.	Do.
Kamayut	...	355	186	141	Do.	Do.
Prome	...	451	94	...	June 1890	29th March 1910.
Shwedaung	...	156	28	...	10th Sept. 1917	23rd July 1929.
Paungdè	...	251	47	381	August 1890	29th March 1910.
Bassein	...	1,948	625	1,649	September 1888	Do.
Ngathainggyaung	...	254	60	244	February 1890	Do.
Kyônpyaw	...	239	56	...	26th Dec. 1923	23rd July 1929.
Henzada	...	931	394	587	January 1889	29th March 1910.
Myanaung	...	230	32	190	July 1889	Do.
Kyangin	...	127	24	...	August 1894	Do.
Myaungmya	...	460	138	440	June 1894	Do.
Wakèma	...	235	121	66	27th April 1907	Do.
Moulmeingyun	...	335	159	125	20th July 1925	20th July 1925.
Maubin	...	431	113	427	October 1891	29th March 1910.

\* Includes Cantonment.



## VACCINATION.

APPENDIX A.—Statement showing the number of vaccinations performed in Municipal Towns and Notified Areas (to which the Vaccination Act has been extended) on children under one year of age—concl'd.

Towns.		Number of births during the year.	Number of deaths among children under one year during the year.	Number of successful operations on children under one year during the year.	Date of extension of Vaccination Act of 1880.	Date of extension of Vaccination Law Amendment Act of 1909.
(1)		(2)	(3)	(4)	(5)	(6)
Yandoon	...	261	94	189	January 1892 ...	29th March 1910.
Danubyu	...	304	84	198	9th July 1909 ...	23rd July 1929.
Pyapôn	...	421	51	404	November 1904	29th March 1910.
Kyaiklat	...	396	149	341	15th Dec. 1904 ...	Do.
Thatôn	...	824	166	635	October 1891 ...	Do.
Kyaikto	...	193	55	...	March 1897 ...	Do.
Moulmein	...	1,950	488	1,077	August 1885 ...	Do.
Kawkareik	...	335	70	...	September 1914	17th Sept. 1914.
Tavoy	...	715	31	1,127	December 1889	29th March 1910.
Mergui	...	621	313	352	October 1891 ...	Do.
Toungoo	...	544	60	167	May 1889 ...	Do.
Shwegyin	...	158	17	101	January 1890 ...	Do.
Pyu	...	435	67	40	January 1920 ...	17th January 1920
Thayetmyo	...	261	166	95	May 1889 ...	29th March 1910.
Allanmyo	...	432	84	453	May 1901 ...	Do.
Minbu	...	227	40	224	March 1896 ...	Do.
Salin	...	177	64	212	Do. ...	Do.
Magwe	...	221	50	...	10th March 1913	10th March 1913.
Taungdwingyi	...	413	148	118	February 1893 ...	29th March 1910.
Yenangyaung	...	427	170	243	10th March 1913	10th March 1913.
Chauk	...	122	79	121	20th May 1929 ...	23rd July 1929.
Pakôkku	...	709	357	143	April 1892 ...	29th March 1910.
Mandalay *	...	5,974	1,914	5,192	August 1891 ...	Do.
Maymyo *	...	805	157	325	October 1912 ...	22nd October 1912.
Myitngè	...	90	10	...	4th June 1930 ...	4th June 1930.
Kyauksè	...	132	22	178	May 1894 ...	29th March 1910.
Meiktila	...	171	71	56	June 1906 ...	31st July 1922.
Myingyan	...	703	302	190	September 1891	29th March 1910.
Nyaung-u	...	97	40	...	30th August 1921	30th August 1921.
Yamèthin	...	188	15	77	February 1892 ...	29th March 1910.
Pyinmana	...	535	231	181	November 1891...	Do.
Pyawbwè	...	212	68	...	May 1912 ...	23rd July 1929.
Bhamo	...	195	25	94	26th October 1894	29th March 1910.
Myitkyina	...	201	15	...	6th May 1929 ...	23rd July 1929.
Shwebo	...	417	82	...	June 1894 ...	29th March 1910.
Ye-u	...	139	41	240	2nd April 1929 ...	23rd July 1929.
Sagaing	...	325	146	46	April 1894 ...	29th March 1910.
Myinmu	...	198	59	35	5th October 1926	5th October 1926.
Mawlaik	...	64	25	...	31st Dec. 1930	31st Dec. 1930.
Mônýwa	...	429	140	84	March 1893 ...	29th March 1910.
Total	...	46,923	13,897	29,035		
Lashio	...	211	26	103	25th July 1927 ...	25th July 1927.
Kalaw	...	159	1	...	Do. ...	Do.
Taunggyi	...	578	73	...	Do. ...	Do.
Total	...	948	100	103		

\* Includes Cantonments.

STATEMENT A.—*Showing total income from all sources and expenditure*

Serial No.	Name of Divisions.	Total receipts including opening balance.	Total expenditure on Public Health purposes.	Water	
				Capital Outlay.	
(1)	(2)	(3)	(4)	(5)	
		Rs.   A.   P.	Rs.   A.   P.	Rs.	A.   P.
	Towns in—				
1	Arakan Division ...	1,66,814 14 2	2,15,296 3 3	...	
2	Pegu Division ...	2,09,83,608 13 11	83,93,112 5 6	18,221	8 0
3	Irrawaddy Division ...	18,52,487 9 8	9,08,177 9 9	...	
4	Tenasserim Division ...	13,05,239 0 0	8,11,266 14 9	...	
5	Magwe Division ...	9,59,762 12 0	3,80,676 8 6	...	
6	Mandalay Division ...	13,72,032 5 9	9,25,999 10 0	...	
7	Sagaing Division ...	13,55,972 1 0	2,41,183 5 6	..	
	Total ...	2,79,95,917 8 6	1,18,75,712 9 3	18,221	8 0
	Districts in—				
8	Arakan Division ...	...	78,849 14 0	...	
9	Pegu Division ...	6,90,989 15 0	3,49,486 2 0	...	
10	Irrawaddy Division ...	9,67,717 0 4	2,91,576 10 0	...	
11	Tenasserim Division ...	4,51,273 0 0	76,958 1 0	...	
12	Magwe Division ...	4,77,263 15 0	1,92,321 1 0	...	
13	Mandalay Division ...	5,24,139 10 6	1,73,415 14 0	...	
14	Sagaing Division ...	5,71,502 0 0	2,41,637 3 6	...	
	Total ...	36,82,885 8 10	14,04,244 13 6	...	
	GRAND TOTAL, BURMA ...	3,16,78,803 1 4	1,32,79,957 6 9	18,221	8 0
	Federated Shan States—				
1	Towns ...	5,25,423 10 0	2,30,225 12 0	...	
2	Rural Areas ...	...	1,05,668 1 0	...	
	Total ...	5,25,423 10 0	3,35,893 13 0	...	



on Public Health purposes during the financial year 1946-47.

Supply.			Drainage.			Conservancy (including road cleaning and watering) and latrines.	Serial No.					
Establishment repairs, etc.			Capital Outlay.					Establishment repairs, etc.				
(6)			(7)			(8)			(9)			(1)
Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
55,766	12	0	...			5,250	9	0	89,448	8	9	1
15,43,321	3	3	4,921	15	0	4,88,450	12	3	40,17,526	1	2	2
6,677	6	0	993	12	0	22,227	15	0	5,54,514	13	0	3
227	9	0	...			1,222	15	0	3,00,923	8	9	4
98,194	12	9	...			15,434	1	0	1,47,360	15	0	5
8,958	2	6	...			57,919	8	0	4,14,401	1	0	6
345	12	0	...			1,851	2	0	1,50,032	10	6	7
17,13,541	9	6	5,915	11	0	5,92,356	14	3	56,74,207	10	2	
..			...			...			23,167	1	0	8
...			...			...			1,03,158	14	0	9
350	0	0	...			...			78,089	13	0	10
...			...			...			7,892	5	0	11
330	0	0	...			...			75,001	6	0	12
...			...			...			79,812	7	3	13
3,747	11	0	...			...			74,759	0	6	14
4,427	11	0	...			...			4,41,880	14	9	
17,17,969	4	0	5,915	11	0	5,92,356	14	3	41,16,088	8	11	
48,795	10	0	...			10,901	10	6	83,266	14	0	1
...			...			...			...			2
48,795	10	0	...			10,901	10	6	83,266	14	0	

## STATEMENT A.—Showing total income from all sources and expenditure

Serial No.	Name of Divisions.	Epidemic charges (including plague).	Vaccination.	Registration of Births and Deaths.
(1)	(2)	(10)	(11)	(12)
		Rs. A. P.	Rs. A. P.	Rs. A. P.
	<b>Towns in—</b>			
1	Arakan Division ...	316 3 0	5,863 7 0	2,526 15 6
2	Pegu Division ...	1,15,423 9 9	1,69,794 15 6	1,05,463 8 0
3	Irrawaddy Division ...	33,335 10 0	39,032 2 0	14,630 8 0
4	Tenasserim Division ...	2,336 11 0	8,426 3 0	3,926 14 0
5	Magwe Division ...	4,975 0 0	9,378 14 0	2,175 14 0
6	Mandalay Division ...	43,823 13 6	18,860 8 0	7,934 5 0
7	Sagaing Division ...	4,152 10 0	6,108 9 0	577 4 0
	<b>Total</b> ...	2,04,363 9 3	2,57,464 10 6	1,37,235 4 6
	<b>Districts in—</b>			
8	Arakan Division ...	...	22,742 13 0	...
9	Pegu Division ...	1,830 10 0	63,969 5 0	...
10	Irrawaddy Division ...	1,321 14 0	60,877 7 0	...
11	Tenasserim Division ...	976 7 0	53,085 13 0	...
12	Magwe Division ...	4,246 2 0	60,085 14 0	...
13	Mandalay Division ...	1,401 7 0	51,692 13 0	..
14	Sagaing Division ...	6,978 6 0	80,103 5 0	...
	<b>Total</b> ...	14,924 4 0	3,92,557 6 0	...
	<b>GRAND TOTAL, BURMA</b> ...	2,19,287 13 3	6,50,022 0 6	1,37,235 4 6
	<b>Federated Shan States—</b>			
1	Towns ...	5,924 1 0	4,075 10 0	391 12 0
2	Rural Areas ...	15,083 4 0	44,802 12 0	...
	<b>Total</b> ...	21,007 5 0	48,878 6 0	391 12 0



on Public Health purposes during the financial year 1946-47—concl'd.

Markets and slaughter-houses.	Charges on account of Health Officers and Public Health Inspectors.	Other Sanitary requirements.	Remarks.	Serial No.
(13)	(14)	(15)	(16)	(1)
Rs. A. P.	Rs. A. P.	Rs. A. P.		
33,678 8 0	16,461 9 0	6,005 11 0		1
7,91,498 6 9	7,13,797 5 0	5,05,290 14 0		2
2,18,596 2 3	53,039 11 0	11,145 6 0		3
38,323 0 0	53,258 9 0	15,591 15 0		4
61,934 4 0	22,264 8 0	24,769 4 0		5
2,25,180 9 6	98,759 0 0	46,716 1 6		6
26,766 5 0	41,283 15 0	9,965 2 0		7
13,95,977 3 6	9,98,864 9 0	6,19,484 5 6		
...	32,940 0 0	...		8
79,817 13 0	63,378 7 0	1,570 3 0		9
31,301 8 6	87,758 6 0	6,747 7 0		10
28,321 0 0	13,817 10 0	8,525 1 6		11
43,428 2 0	9,764 1 0	13,665 10 0		12
25,772 0 0	20,554 2 0	4,530 2 0		13
42,359 3 0	44,173 6 0	938 14 0		14
2,50,999 10 6	2,72,386 0 0	35,977 5 6		
16,46,976 14 0	12,71,250 9 0	6,55,461 11 0		
41,277 8 0	14,744 8 0	54,568 5 0		1
...	38,242 13 0	72,683 0 0		2
41,277 8 0	52,987 5 0	1,27,251 5 0		

STATEMENT B.—Table showing Health Services in Rural and

Divisions and Districts.		Rural Areas.								
		Medical Officers of Health.				Public Health Inspectors.	Inspectors of Vaccination.	Vaccinators.		Epidemic Staff.
		Holding D.P.H.		Holding L.P.H.				Male.	Female.	
		Whole-time. (2)	Part-time. (3)	Whole-time. (4)	Part-time. (5)					
(1)					(6)	(7)			(10)	
Akyab ...	...	1	...	...	2	...	11	...	...	
Arakan Hill Tracts ...	...	...	...	...	...	...	3	...	...	
Kyaukpyu ...	...	...	...	...	1	...	6	...	...	
Sandoway ...	...	...	...	...	1	...	3	...	...	
Rangoon ...	...	...	...	...	...	...	...	...	...	
Pegu ...	...	...	...	...	1	2	8	...	...	
Tharrawaddy ...	...	...	...	...	2	1	10	...	...	
Hanthawaddy ...	...	1	...	...	4	...	8	...	...	
Insein ...	...	...	...	...	4	...	5	...	...	
Prome ...	...	...	...	...	2	...	8	...	...	
Toungoo ...	...	1	...	...	1	1	11	...	...	
Bassein ...	...	1	...	...	4	...	12	...	...	
Henzada ...	...	...	...	...	3	...	12	...	...	
Myaungmya ...	...	...	...	...	3	...	12	...	...	
Maubin ...	...	...	...	...	3	1	9	...	...	
Pyapôn ...	...	...	...	...	3	1	8	...	...	
Salween ...	...	...	...	...	1	...	4	...	...	
Thatôn ...	...	...	...	...	3	...	12	...	...	
Amherst ...	...	...	...	...	3	...	8	...	...	
Tavoy ...	...	...	...	...	1	...	5	...	...	
Mergui ...	...	...	...	...	2	...	5	...	...	
Thayetmyo ...	...	...	...	...	1	...	8	...	...	
Minbu ...	...	...	...	...	2	...	6	...	...	
Magwe ...	...	...	...	...	2	...	7	...	...	
Pakôkku ...	...	...	...	...	3	...	10	...	...	
Chin Hills ...	...	...	...	...	2	...	7	...	...	
Mandalay ...	...	...	...	...	2	...	4	...	...	
Kyaukse ...	...	...	...	...	1	1	4	...	...	
Meiktila ...	...	...	...	...	2	...	4	...	...	
Myingyan ...	...	...	...	...	2	...	10	...	...	
Yamêthin ...	...	...	...	...	2	...	5	...	...	
Bhamo ...	...	...	...	...	2	...	6	...	...	
Myitkyina ...	...	...	...	...	2	...	7	...	...	
Shwebo ...	...	...	...	...	3	...	9	...	...	
Mogôk Subdivision ...	...	...	...	...	1	...	1	...	...	
Sagaing ...	...	...	...	...	2	...	6	...	...	
Katha ...	...	...	...	...	1	1	7	...	...	
Upper Chindwin ...	...	...	...	...	3	...	8	...	...	
Lower Chindwin ...	...	...	...	...	2	...	7	...	...	
Northern Shan States ...	...	...	...	...	3	...	24	...	...	
Southern Shan States ...	...	...	...	...	3	...	21	...	...	
Provincial ...	...	...	...	...	...	...	...	...	14(a)	
Total ...	...	4	...	...	85	8	321	...	...	

(a) Epidemic Sub-Assistant Surgeons.  
(b) One Special Leprosy Officer ; one Sub-Assistant Surgeon attached to the Bacteriological Port Health Departments, Rangoon and Akyab.  
—NOTE.—In addition to the above the following personnel were employed :—  
One Hygiene Publicity Officer : one Assistant Malariologist and one Health Officer,

## Urban Areas of Burma during 1947.

Urban Areas.													
School Medical Staff. (11)	Other Health Staffs. (12)	Medical Officers of Health.				Medical Registrars. (17)	Public Health Inspectors. (18)	Inspectors of Vaccination. (19)	Vaccinators.		Epidemic Staff. (22)	School Medical Officers. (23)	Other Health Staff. (24)
		Holding D.P.H.		Holding L.P.H.					Male. (20)	Female. (21)			
		Whole-time. (13)	Part-time. (14)	Whole-time. (15)	Part-time. (16)								
...	...	...	...	...	...	2	1	...	2	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	1	1	...	1	...	...	...	...
...	...	...	...	...	...	...	1	...	1	...	...	...	...
...	...	6	...	...	...	12	36	...	23	...	...	...	40
...	...	...	...	...	...	...	2	...	2	...	...	...	...
...	...	...	...	...	...	...	7	...	7	...	...	...	...
...	...	...	...	...	...	...	2	...	2	...	...	...	...
...	...	1	...	...	...	...	3	...	3	...	...	...	...
...	...	...	...	...	...	...	4	...	3	...	...	...	...
...	...	...	...	...	...	...	3	...	3	...	...	...	...
...	...	...	...	...	...	1	4	...	4	...	...	...	...
...	...	...	...	...	...	...	3	...	4	...	...	...	...
...	...	...	...	...	...	...	3	...	4	...	...	...	...
...	...	...	...	...	...	1	2	...	3	...	...	...	...
...	...	...	...	...	...	...	2	...	2	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	2	...	2	...	...	...	...
...	...	...	...	...	...	...	6	...	3	...	...	...	...
...	...	1	...	...	...	...	2	...	2	...	...	...	...
...	...	...	...	...	...	...	1	...	1	...	...	...	...
...	...	...	...	...	...	1	2	...	2	...	...	...	...
...	...	...	...	...	...	...	2	...	1	...	...	...	...
...	...	...	...	...	...	...	4	...	4	...	...	...	...
...	...	...	...	...	...	...	2	...	1	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	2	...	...	...	1	12	...	8	...	...	...	...
...	...	...	...	...	...	...	1	...	1	...	...	...	...
...	...	...	...	...	...	...	1	...	1	...	...	...	...
...	...	...	...	1	...	...	1	...	1	...	...	...	...
...	...	...	...	1	...	...	3	...	2	...	...	...	...
...	...	...	...	...	...	...	1	...	1	...	...	...	...
...	...	...	...	...	...	...	1	...	1	...	...	...	...
...	...	...	...	...	...	...	2	...	1	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	2	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	1	...	...	...	...
...	...	...	...	...	...	1	1	...	1	...	...	...	...
...	...	...	...	...	...	1	2	...	2	...	...	...	...
...	6(b)	...	...	...	...	...	...	...	...	...	...	...	...
...	...	10	...	2	...	21	124	...	102	...	...	...	40

Section of the Harcourt Butler Institute, Rangoon ; four Sub-Assistant Surgeons attached to the Rangoon Airport, Mingaladon.



STATEMENT C.—Table showing Maternity and Child Welfare Centres, Health

Districts.				Maternity and			
				Centres maintained by			
				Government.		Local and Municipal Bodies.	
				Rural. (2)	Urban. (3)	Rural. (4)	Urban. (5)
(1)							
Akyab	...	...	...	...	...	...	...
Kyaukpyu	...	...	...	...	...	...	...
Sandoway	...	...	...	...	...	...	...
Rangoon	...	...	...	...	...	...	2
Pegu	...	...	...	...	...	...	...
Tharrawaddy	...	...	...	...	...	...	...
Hanthawaddy	...	...	...	...	...	...	...
Insein	...	...	...	...	...	...	...
Prome	...	...	...	...	...	...	...
Toungoo	...	...	...	...	...	...	...
Bassein	...	...	...	...	...	...	...
Henzada	...	...	...	...	...	...	...
Myaungmya	...	...	...	...	...	...	...
Maubin	...	...	...	...	...	...	...
Pyapôn	...	...	...	...	...	...	...
Salween	...	...	...	...	...	...	...
Thatôn	...	...	...	...	...	...	...
Amherst	...	...	...	...	...	...	...
Tavoy	...	...	...	...	...	...	...
Mergui	...	...	...	...	...	...	...
Thayetmyo	...	...	...	...	...	...	...
Minbu	...	...	...	...	...	...	...
Magwe	...	...	...	...	...	...	...
Pakôkku	...	...	...	...	...	...	...
Chin Hills	...	...	...	...	...	...	...
Mandalay	...	...	...	...	...	...	...
Kyauksè	...	...	...	...	...	...	...
Meiktila	...	...	...	...	...	...	...
Myingyan	...	...	...	...	...	...	...
Yamèthin	...	...	...	...	...	...	...
Bhamo	...	...	...	...	...	...	...
Myitkyina	...	...	...	...	...	...	...
Shwebo	...	...	...	...	...	...	...
Sagaing	...	...	...	...	...	...	...
Katha	...	...	...	...	...	...	...
Upper Chindwin	...	...	...	...	...	...	...
Lower Chindwin	...	...	...	...	...	...	...
Naga Hills	...	...	...	...	...	...	...
Northern Shan States	...	...	...	...	...	...	...
Southern Shan States	...	...	...	...	...	...	...
Total				...	...	...	2

Visitors and Trained Midwives in Rural and Urban Areas in Burma during 1947.

Child Welfare.

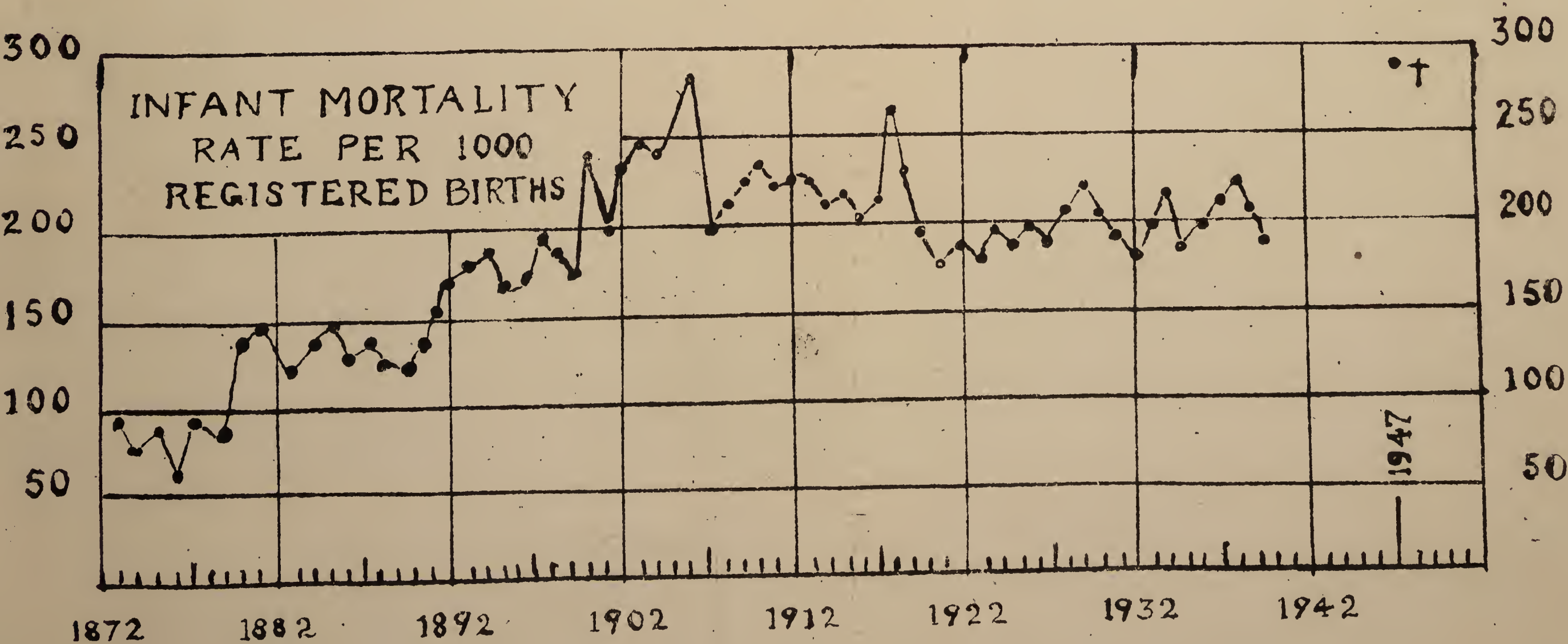
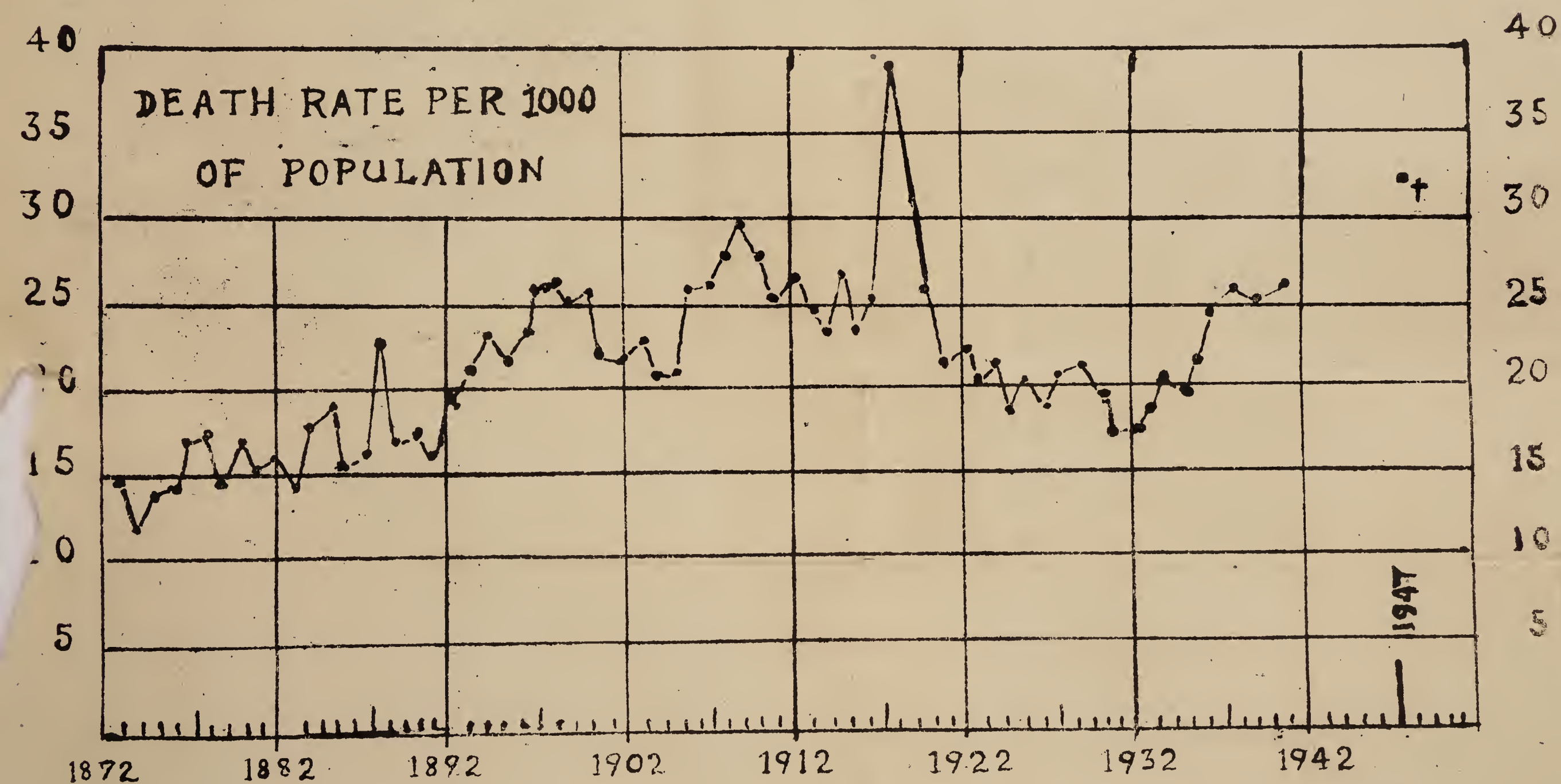
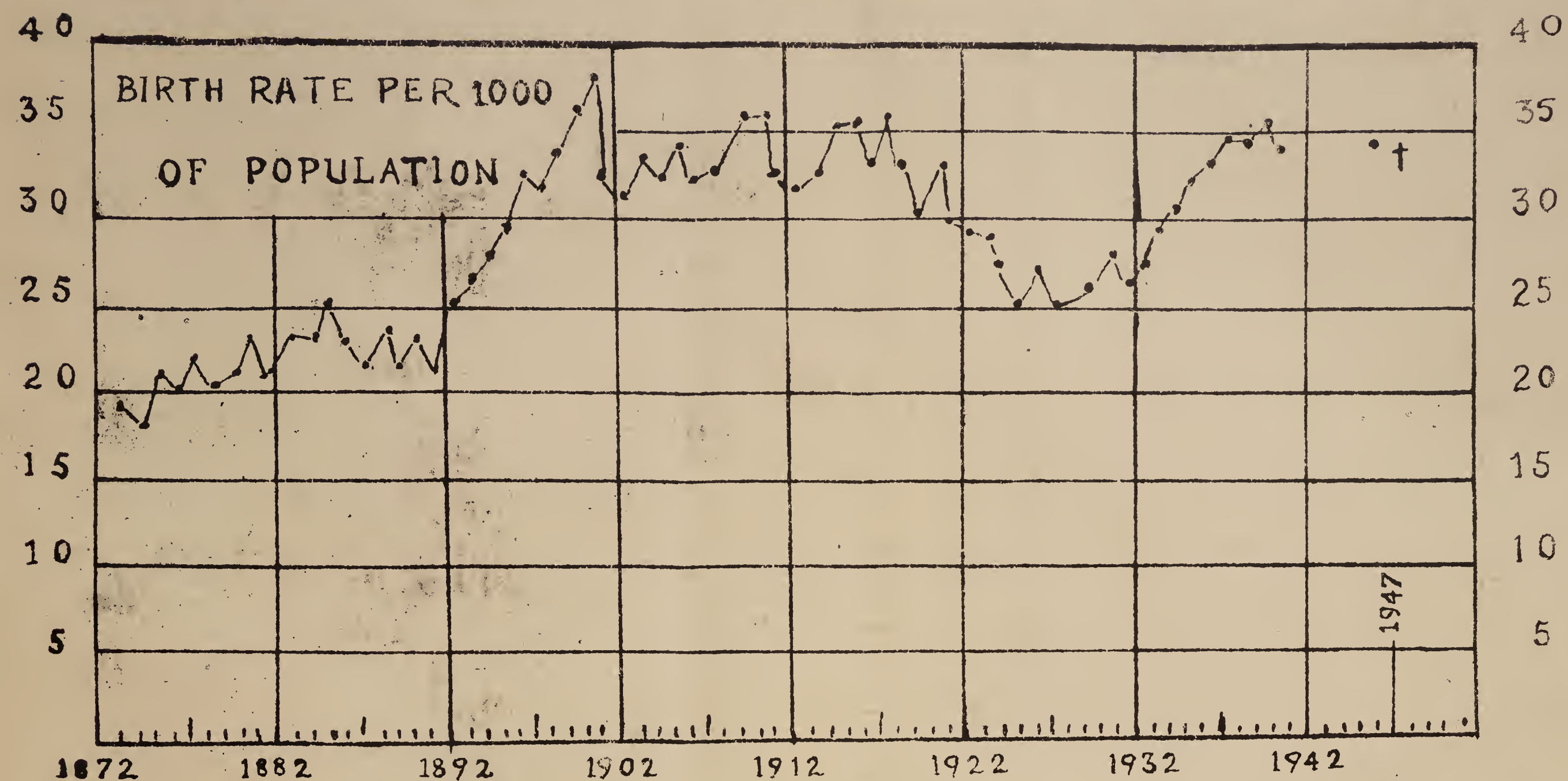
Other Agencies.		Visitors.		Trained Midwives.		Trained Dais.	
Rural. (6)	Urban. (7)	Rural. (8)	Urban. (9)	Rural. (10)	Urban. (11)	Rural. (12)	Urban. (13)
...	...	...	...	1	..	...	...
...	...	...	...	1	1	...	...
...	...	...	...	...	1	...	...
...	...	...	5	...	4	...	...
...	...	...	...	5	3	...	...
...	...	...	...	5	7	..	...
2	1	...	1	6	3	...	...
...	1	...	...	6	5	...	...
..	...	...	...	...	5	...	...
...	2	...	2	...	2	...	...
...	1	...	1	7	4	...	...
...	1	...	1	6	5	...	...
...	2	...	1	...	3	...	...
...	...	...	...	8	3	...	...
...	...	...	...	2	2	...	...
...	...	...	...	...	...	...	...
...	1	...	1	8	2	...	...
...	1	...	1	10	5	...	...
...	...	...	...	2	2	...	...
...	1	...	...	...	...	...	...
...	...	...	...	4	2	...	...
...	...	...	...	...	2	...	...
...	1	...	1	2	5	...	...
...	1	...	...	3	1	...	...
...	...	...	...	...	...	...	...
...	1	...	3	...	11	...	...
...	...	...	...	2	1	...	...
...	...	...	...	3	1	...	...
...	...	...	...	...	1	...	...
...	1	...	1	2	3	...	...
...	1	...	1	3	1	...	...
...	...	...	...	1	1	...	...
...	...	...	...	1	2	...	...
...	...	...	...	11	2	...	...
...	...	...	...	2	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	4	...	...	...
...	...	...	...	...	1	...	...
...	...	...	...	3	1	...	...
...	1	...	1	27	1	...	...
2	17	...	20	135	93	...	..

G.U.B.C.P.O.—No. 44, D.M. & H.S., 6-3-50—800—II.



# VITAL STATISTICS CHART I

## BIRTH, DEATH AND INFANT MORTALITY RATES IN BURMA.






† Rate for towns in Burma only.

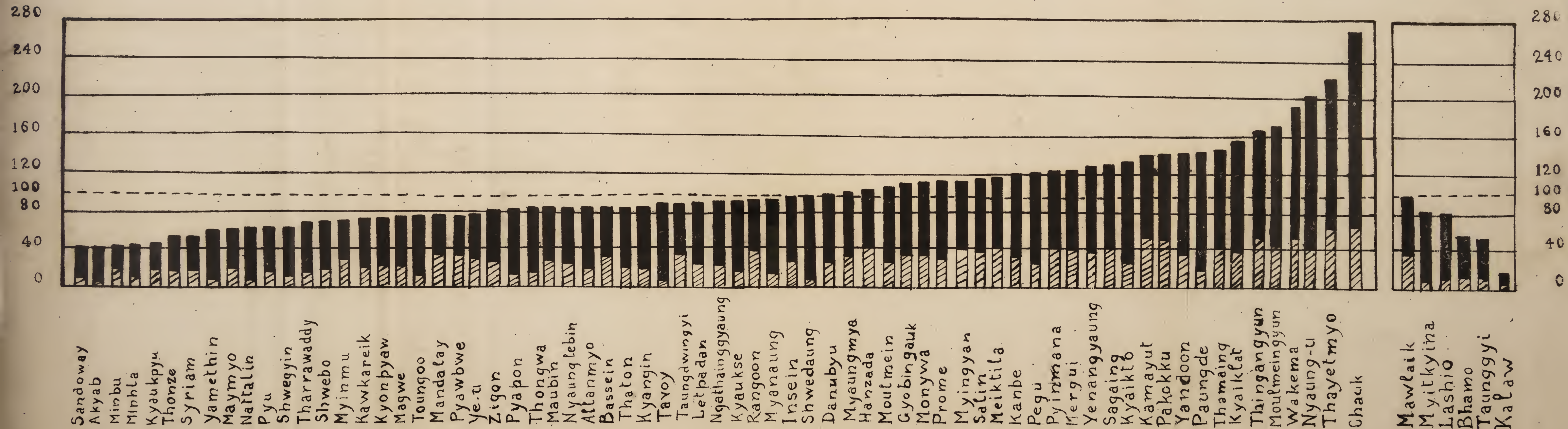




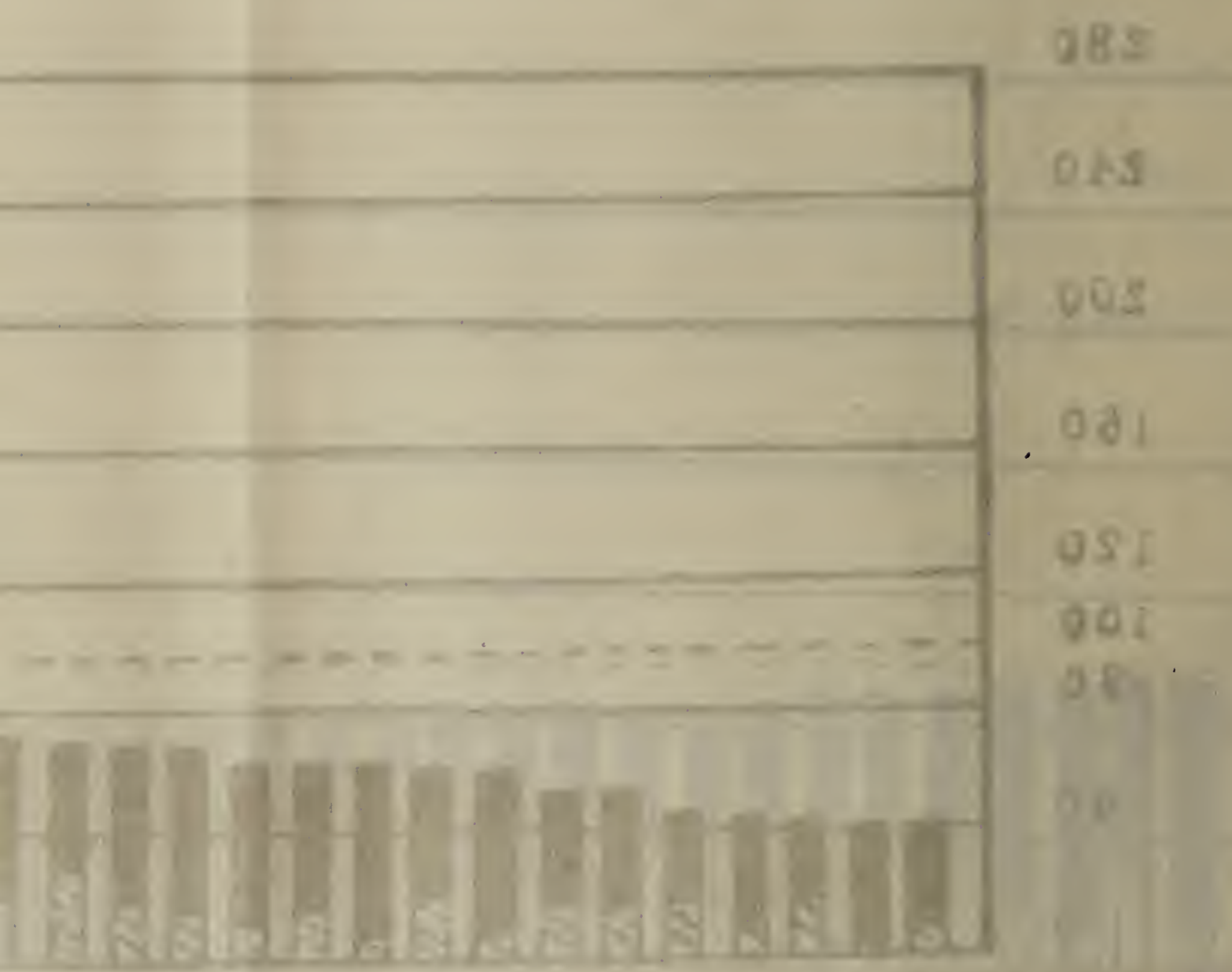
# VITAL STATISTICS CHART II

NUMBER OF DEATHS PER 100 BIRTHS IN TOWNS IN 1947.

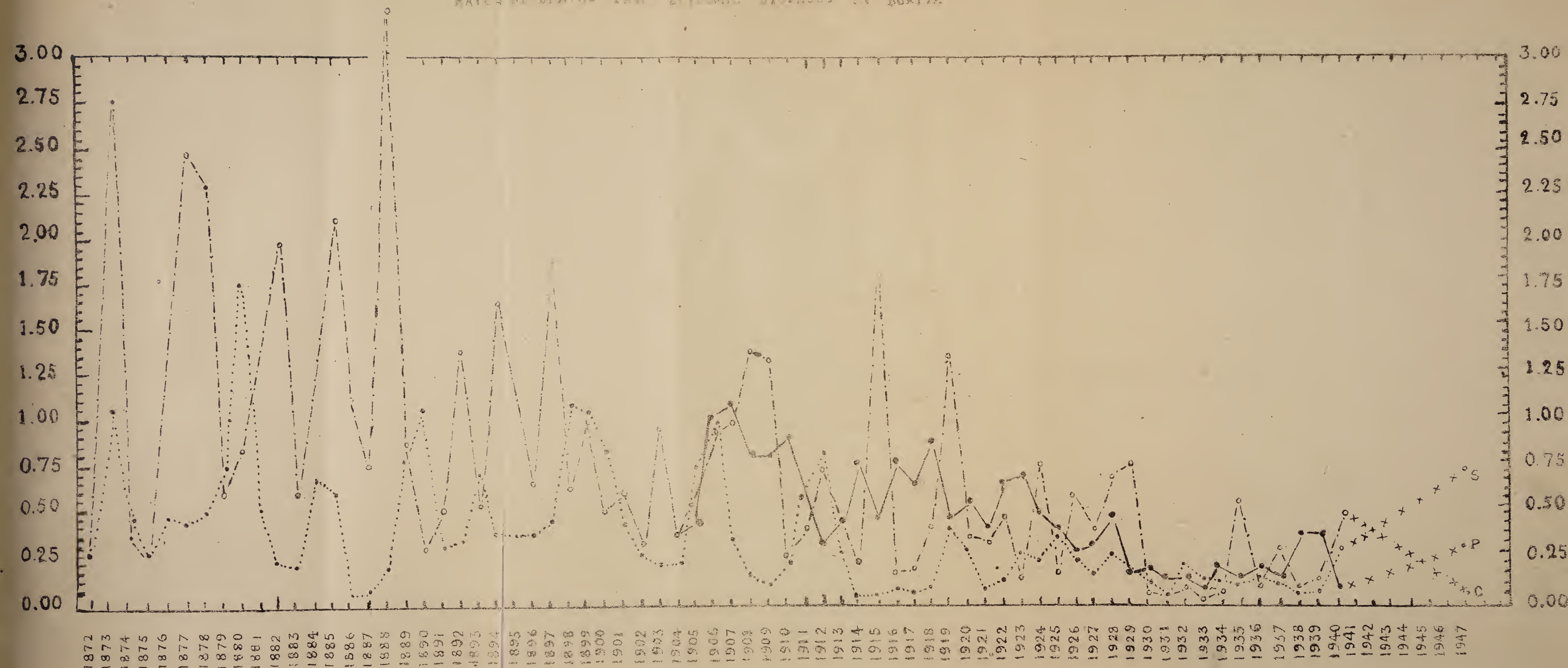
Infant Deaths   
Other Deaths   
Total Deaths 







RATES OF DEATHS FROM ZYMOGENIC DISEASES IN BURMA



REFERENCE :-

Cholera death rate .....  
 Small-pox " " .....  
 Plague " " .....

Figures not available x x x

C-Cholera (Death-rate in towns only)  
 S-Small-pox " " " "  
 P-Plague " " " "



